

## Industrial Automation Products & Solutions



**Recom REC20 DC-DC Converter, 5V dc/ 4A  
Output, 18 → 36 V dc Input, 20W, Through  
Hole, +100°C Max Temp -40°C Min**

**ផ្នែកផលិត : Recom**

รหัสสินค้า : REC20-245.1S

## Specifications

| คุณสมบัติ                       | รายละเอียด                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| Output Voltage                  | 5V dc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Input Voltage Range             | 18 - 36 V dc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Power Rating                    | 20W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Input Voltage Nominal           | 24 V dc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Output Current                  | 4A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Mounting Type                   | Through Hole                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Isolated                        | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Number of Outputs               | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Output Voltage Adjustment Range | -10 - +10%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Isolation Voltage               | 1.6kV dc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Width                           | 25.4mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Depth                           | 10.2mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Length                          | 50.8mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Series                          | REC20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Load Regulation                 | ±0.5%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Standards Met                   | CAN, CSA, cULus Recognised, EN55022, EN60950, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-8, IEC, IEC60950, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8, IEC61000-4-11, IEC61000-4-12, IEC61000-4-13, IEC61000-4-14, IEC61000-4-15, IEC61000-4-16, IEC61000-4-17, IEC61000-4-18, IEC61000-4-19, IEC61000-4-20, IEC61000-4-21, IEC61000-4-22, IEC61000-4-23, IEC61000-4-24, IEC61000-4-25, IEC61000-4-26, IEC61000-4-27, IEC61000-4-28, IEC61000-4-29, IEC61000-4-30, IEC61000-4-31, IEC61000-4-32, IEC61000-4-33, IEC61000-4-34, IEC61000-4-35, IEC61000-4-36, IEC61000-4-37, IEC61000-4-38, IEC61000-4-39, IEC61000-4-40, IEC61000-4-41, IEC61000-4-42, IEC61000-4-43, IEC61000-4-44, IEC61000-4-45, IEC61000-4-46, IEC61000-4-47, IEC61000-4-48, IEC61000-4-49, IEC61000-4-50, IEC61000-4-51, IEC61000-4-52, IEC61000-4-53, IEC61000-4-54, IEC61000-4-55, IEC61000-4-56, IEC61000-4-57, IEC61000-4-58, IEC61000-4-59, IEC61000-4-60, IEC61000-4-61, IEC61000-4-62, IEC61000-4-63, IEC61000-4-64, IEC61000-4-65, IEC61000-4-66, IEC61000-4-67, IEC61000-4-68, IEC61000-4-69, IEC61000-4-70, IEC61000-4-71, IEC61000-4-72, IEC61000-4-73, IEC61000-4-74, IEC61000-4-75, IEC61000-4-76, IEC61000-4-77, IEC61000-4-78, IEC61000-4-79, IEC61000-4-80, IEC61000-4-81, IEC61000-4-82, IEC61000-4-83, IEC61000-4-84, IEC61000-4-85, IEC61000-4-86, IEC61000-4-87, IEC61000-4-88, IEC61000-4-89, IEC61000-4-90, IEC61000-4-91, IEC61000-4-92, IEC61000-4-93, IEC61000-4-94, IEC61000-4-95, IEC61000-4-96, IEC61000-4-97, IEC61000-4-98, IEC61000-4-99, IEC61000-5-0, IEC61000-5-1, IEC61000-5-2, IEC61000-5-3, IEC61000-5-4, IEC61000-5-5, IEC61000-5-6, IEC61000-5-7, IEC61000-5-8, IEC61000-5-9, IEC61000-5-10, IEC61000-5-11, IEC61000-5-12, IEC61000-5-13, IEC61000-5-14, IEC61000-5-15, IEC61000-5-16, IEC61000-5-17, IEC61000-5-18, IEC61000-5-19, IEC61000-5-20, IEC61000-5-21, IEC61000-5-22, IEC61000-5-23, IEC61000-5-24, IEC61000-5-25, IEC61000-5-26, IEC61000-5-27, IEC61000-5-28, IEC61000-5-29, IEC61000-5-30, IEC61000-5-31, IEC61000-5-32, IEC61000-5-33, IEC61000-5-34, IEC61000-5-35, IEC61000-5-36, IEC61000-5-37, IEC61000-5-38, IEC61000-5-39, IEC61000-5-40, IEC61000-5-41, IEC61000-5-42, IEC61000-5-43, IEC61000-5-44, IEC61000-5-45, IEC61000-5-46, IEC61000-5-47, IEC61000-5-48, IEC61000-5-49, IEC61000-5-50, IEC61000-5-51, IEC61000-5-52, IEC61000-5-53, IEC61000-5-54, IEC61000-5-55, IEC61000-5-56, IEC61000-5-57, IEC61000-5-58, IEC61000-5-59, IEC61000-5-60, IEC61000-5-61, IEC61000-5-62, IEC61000-5-63, IEC61000-5-64, IEC61000-5-65, IEC61000-5-66, IEC61000-5-67, IEC61000-5-68, IEC61000-5-69, IEC61000-5-70, IEC61000-5-71, IEC61000-5-72, IEC61000-5-73, IEC61000-5-74, IEC61000-5-75, IEC61000-5-76, IEC61000-5-77, IEC61000-5-78, IEC61000-5-79, IEC61000-5-80, IEC61000-5-81, IEC61000-5-82, IEC61000-5-83, IEC61000-5-84, IEC61000-5-85, IEC61000-5-86, IEC61000-5-87, IEC61000-5-88, IEC61000-5-89, IEC61000-5-90, IEC61000-5-91, IEC61000-5-92, IEC61000-5-93, IEC61000-5-94, IEC61000-5-95, IEC61000-5-96, IEC61000-5-97, IEC61000-5-98, IEC61000-5-99, IEC61000-6-0, IEC61000-6-1, IEC61000-6-2, IEC61000-6-3, IEC61000-6-4, IEC61000-6-5, IEC61000-6-6, IEC61000-6-7, IEC61000-6-8, IEC61000-6-9, IEC61000-6-10, IEC61000-6-11, IEC61000-6-12, IEC61000-6-13, IEC61000-6-14, IEC61000-6-15, IEC61000-6-16, IEC61000-6-17, IEC61000-6-18, IEC61000-6-19, IEC61000-6-20, IEC61000-6-21, IEC61000-6-22, IEC61000-6-23, IEC61000-6-24, IEC61000-6-25, IEC61000-6-26, IEC61000-6-27, IEC61000-6-28, IEC61000-6-29, IEC61000-6-30, IEC61000-6-31, IEC61000-6-32, IEC61000-6-33, IEC61000-6-34, IEC61000-6-35, IEC61000-6-36, IEC61000-6-37, IEC61000-6-38, IEC61000-6-39, IEC61000-6-40, IEC61000-6-41, IEC61000-6-42, IEC61000-6-43, IEC61000-6-44, IEC61000-6-45, IEC61000-6-46, IEC61000-6-47, IEC61000-6-48, IEC61000-6-49, IEC61000-6-50, IEC61000-6-51, IEC61000-6-52, IEC61000-6-53, IEC61000-6-54, IEC61000-6-55, IEC61000-6-56, IEC61000-6-57, IEC61000-6-58, IEC61000-6-59, IEC61000-6-60, IEC61000-6-61, IEC61000-6-62, IEC61000-6-63, IEC61000-6-64, IEC61000-6-65, IEC61000-6-66, IEC61000-6-67, IEC61000-6-68, IEC61000-6-69, IEC61000-6-70, IEC61000-6-71, IEC61000-6-72, IEC61000-6-73, IEC61000-6-74, IEC61000-6-75, IEC61000-6-76, IEC61000-6-77, IEC61000-6-78, IEC61000-6-79, IEC61000-6-80, IEC61000-6-81, IEC61000-6-82, IEC61000-6-83, IEC61000-6-84, IEC |



## บริษัท ทีเอส โซลูชั่น จำกัด

27/66 ถนนรัชดา-รามอินทรา แขวงรามอินทรา เขตคันนายาว กรุงเทพมหานคร 10230

โทร : 02-066-1996 | Line OA : @thsolution | www.thsolution.com

|                     |         |
|---------------------|---------|
|                     | UL60950 |
| Maximum Temperature | +100°C  |
| Minimum Temperature | -40°C   |



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### Need a quotation or technical support?

ติดต่อทีมงาน THSolution สำหรับข้อมูลสินค้า ราคา สต็อกสินค้า

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