



20W Universal Input



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Product feature:

- Battery reverse charge protection
- Protection for deeply discharged battery
- Overload/ Short circuit Protection
- Approvals:CE

AC input/ full range

Power on indication

Cooled by air convection

Metal case, small size

100% full load burn-in test

Open frame models available

1 year warranty

105mm×78mm×37mm (External case type)

102mm×60mm×40mm (PCB type)

| Specifications: | |
|------------------------|--------------------------------|
| AC input voltage: | 100VAC~240 VAC |
| Input frequency: | 47~63Hz |
| Input current: | 0.65A/220VAC |
| Inrush Current: | 40A@ 230VAC |
| Hold up time: | 20 ms at 230VAC |
| Overload protection: | 105%-180% |
| Working temperature: | 0~ 40°C |
| Safety standard: | GB4943-2001 |
| | EN55022 |
| Withstand Voltage: | I/P-OP:3KVAC/min |
| | O/P-FG: 0.5KVAC/min |
| Connection: | I/P: JTB552-00-1-05-3-M9 |
| | O/P:JTB552-00-1-02-3-M9 |
| MTBF: | > 100000h |
| Weight: | 0.3Kg/pcs (External case type) |
| | 0.18Kg/pcs(PCB type) |

| P/N | DC Output | Tol. | R&N | Effi. | Load Regulation | Line Regulation |
|--------------|-----------------|------|-------|-------|-----------------|-----------------|
| ESP-20-13.8A | 13.8VDC 0~1.5A | ±2% | 140mV | 80% | ±2% | ±1% |
| ESP-20-27.6A | 27.6VDC 0~0.75A | ±2% | 240mV | 82% | ±2% | ±1% |
| OP-20-13.8A | 13.8VDC 0~1.5A | ±2% | 140mV | 80% | ±2% | ±1% |