# Compact single switching power supply 200W

**Features：**
·AC input voltage range selected by switch
·Small volume，low weight，high efficiency
·Protections：short circuit/over load//over voltage
·Cooling fan ON-OFF auto control
·LED indicator for power on
·100% full load burn-in test
·2 Year warranty



| HS-200W-E | | | | | |
|---|---|---|---|---|---|
| Model | | HS-200E-5 | HS-200E-12 | HS-200E-15 | HS-200E-24 |
| Output | DC voltage | 5V | 12V | 15V | 24V |
| | Voltage tolerance | ±2% | ±1% | ±1% | ±1% |
| | Rated current | 30A | 16.6A | 13.3A | 8.3A |
| | Current range | 0~30A | 0~16.6A | 0~13.3A | 0~8.3A |
| | Rated power | 150W | 199.2W | 199.5W | 199.2W |
| | Ripple&noise | 150mvp-p | 150mvp-p | 150mvp-p | 180mvp-p |
| | DCvoltage | -9%~+10% | ±10% | ±10% | ±10% |
| Input | Voltage range | 90~132VAC/180~264VAC(selected by switch)，254~373VDC | | | |
| | Frequency | 47~63Hz | | | |
| | AC current | 4.0A/115VAC，2.0A/230VAC | | | |
| | Efficiency | 80% | 83% | 83% | 85% |
| | Inrush current | Cold start current 18A/115VAC，36A/230VAC | | | |
| | Leakage current | ＜2.5mA/240VAC | | | |
| Protection | Overload | Rated output power115%~150% start over load protection | | | |
| | | protection type：hiccup mode，auto-recovery after fault condition is removed | | | |
| | Over voltage | 6.8~8.2V | 15.6~17.8V | 18.6~20.8V | 30.6~33.2V |
| | | protection type：hiccup mode，auto-recovery after fault condition is removed | | | |
| Environment | Working | -10℃~+60℃，20%~90%RH | | | |
| | Storagetemp,humidit | -20℃~+85℃，10%~95%RH non-condensing | | | |
| | Withstand vibration | 10~500HZ，2G 10min/1cycle，period for 60 minutes，each | | | |
| Safety | Withstand voltage | I/P-O/P：1.5KVAC I/P-FG：1.5KVAC O/P-FG：0.5KVAC | | | |
| | Isolated resistance | I/P-O/P,I/P-FG,O/P-FG：100M ohms/500VDC | | | |
| Fitstandard | Safety standard | Fit UL1012 | | | |
| | EMC standard | meet EN55022，CLASSA | | | |
| Others | Dimension | 199*98*38mm (L*W*H) | | | |
| | Weight/packing | 0.6kg/30pcs/19kg/0.034 m³/1.2CUFT | | | |
| Note | 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature. | | | | |
| | 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. | | | | |
| | 3. Tolerance : includes set up tolerance, line regulation and load regulation. | | | | |