



Features:

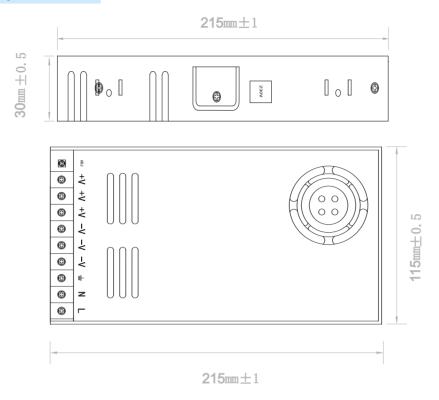
- Full range AC input selectable by switch
- Withstand 300VAC surge input for 5 second
- No load power consumption<1W
- Miniature size and 1U low profile
- High operating temperature up to 60°C
- Protection: Short circuit/overload/over voltage
- Cooling by free air convection
- LED indicator for power on
- High efficiency, long life and high reliability
- 100% full load burn-in test
- 3 year warranty

Specification

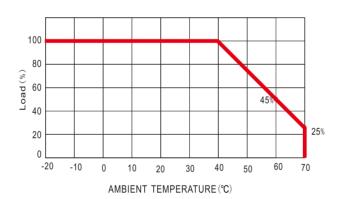
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| Model | | HRM-400-12 | HRM-400-24 |
|--------------|---|--|-------------|
| Output | DC Voltage | 12V | 24V |
| | Voltage Tolerance | ±0.5V | |
| | Rated Current | 0-33.3A | 0-16.7A |
| | Rated Power | 400W | 400W |
| | Ripple & Noise | 200mVp-p | 200mVp-p |
| Input | Voltage Range | 110/220V by switch | |
| | Frequency Range | 50 -60HZ | |
| | Power Factor | PF≥0.5/220VAC (Full loading) | |
| | Full Load Efficiency(Typ.) | 85% (230AC) | 85% (230AC) |
| | AC Current (Max.) | 0.9A/100AC, 0.62A/230VAC | |
| | Leakage current | <0.8mmA/260VAC | |
| | Inrush current | ≤ 60A | |
| Protection | Short Circuit | Protection type: Hiccup mode, recovers automatically after fault condition is removed. | |
| | Over Load | Hiccup mode, recovers automatically after fault condition is removed | |
| | VIBRATION | 10-500Hz 2G10min | |
| | BURNT-IN TEST | Input voltage: 220V 50Hz rated output current 25°C Bum-in 2h | |
| Environment | Over temperature | 100°C±10°C shut down o/p voltage, re-poweron to recover | |
| | Working TEMP. | -20 ~ + 50°C | |
| | Working Humidity | 20~60%RH,non-condensing | |
| | Storage TEM., Humidity | -20~+85%, 10~95%RH | |
| | START RISE HOLD TIME | 1500ms, 20ms, 50ms/230VAC at full load | |
| Safety & EMC | Vibration | 10 −500Hz, 5G 12min./1 cycle, period for 60min.each along X,Y,Z axes. | |
| | Safety standards | CE Mark | |
| | Withstand voltage | I/P-O/P:1.5KVAC I/P-GND:1.5KVAC | |
| | EMC Immunity | EN55015:2013;EN61547:2009; EN61000-3-2:2014; EN61000-3-3:2013 | |
| Others | Weight | 0.7Kg | |
| | Dimension | 215x115x30mm(LxWxH) | |
| | Packing | 30PCS/CTN | |
| Notes | 1. All parameters NOT specially mentioned are measured at 230VAC input , rated load and 25℃ of ambient temperature. | | |
| | Tolerance: includes set up tolerance, line regulation and load regulation . | | |
| | 3. The power supply is considered as a component that will be operated in combination with final | | |
| | Equipment. Since EMC performance will be affected by the complete installation, the final equipment manufactures must be-qualifyEMC Directive on the complete installation again. | | |

Mechanical Specification



Derating Curve



Package

| DIMENSION | 215x115x30mm(LxWxH) | |
|-----------------|---------------------|--|
| CARTON QUANTITY | 30PCS/CTN | |
| CARTON SIZE | 63x23.9x23.5(CM) | |
| WEIGHT | 700g/PCS | |