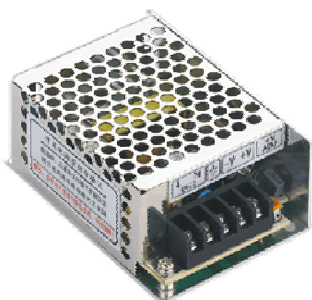




## ■ Features

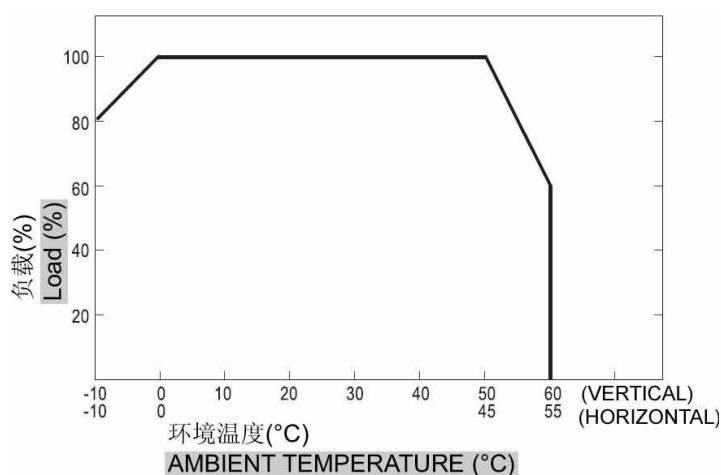
- ✚ Low price and high reliability
- ✚ 170V-264V AC input power
- ✚ High efficiency and low operation temperature
- ✚ Soft-start current can reduce the AC input impact effectively
- ✚ With Short-circuit and overload protection
- ✚ 100% full-load burning test
- ✚ Small bulk design
- ✚ Installed with EMI filter, minimum wave.
- ✚ 2 years warranty

## ■ Specification

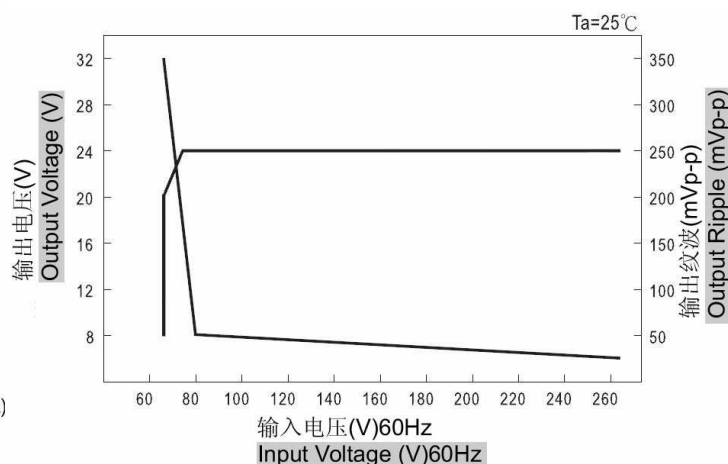
| Model                           | HS-50-12                                                                                      | HS-50-15 | HS-50-24 |
|---------------------------------|-----------------------------------------------------------------------------------------------|----------|----------|
| DC output voltage               | 12V                                                                                           | 15V      | 24V      |
| Output voltage error (Note: 2)  | ±1%                                                                                           | ±1%      | ±1%      |
| Rated output current            | 4.2A                                                                                          | 3.4A     | 2.1A     |
| Output current rage             | 0-4.2A                                                                                        | 0-3.4A   | 0-2.1A   |
| Wave and noise(Note : 3)        | 100mVp-p                                                                                      | 100mVp-p | 100mVp-p |
| Inlet stability(Note : 4)       | ±0.5%                                                                                         | ±0.5%    | ±0.5%    |
| Load stability (Note : 5)       | ±0.5%                                                                                         | ±0.5%    | ±0.5%    |
| DC output power                 | 50.4W                                                                                         | 51W      | 50.4W    |
| Efficiency                      | 78%                                                                                           | 78%      | 78%      |
| Adjustable range for DC voltage | +10%                                                                                          | +10%     | +10%     |
| AC input voltage range          | 170-264VAC, 47-63Hz; 240-370VDC                                                               |          |          |
| Input current                   | 0.65A/230A                                                                                    |          |          |
| AC Inrush current               | Cold-start current 36A/230V                                                                   |          |          |
| Leakage current                 | <2mA/240VAC                                                                                   |          |          |
| Overload protection             | 105%-150%Type:Foldback:current limiting reset: auto recovery                                  |          |          |
| Temperature coefficient         | ±0.03%/℃ (0-50℃)                                                                              |          |          |
| Setup rise hold up time         | 200ms,100ms,30ms                                                                              |          |          |
| Vibration                       | 10-500HZ,2G 10min,/1cycle, Period for60min, Each axes                                         |          |          |
| Withstand voltage               | Input and output internal: 1.5KVAC,Input and enclosure: 1.5KVAC,Output and enclosure: 0.5KVAC |          |          |
| Isolation resistance            | Input and output internal: Input and enclosure, Output and enclosure: 500VDC/100MΩ            |          |          |



## ■ Load Derating Curve



## ■ Static Characteristics (24V)



## ■ Notice

1. Be sure to confirm the signification of sign above the pole before connection.

**L:** LINE (AC input)

**N:** Neutral (AC input)

**⏏ (FG):** Protective Ground

**-V (COM):** DC output cathode

**+V:** DC output anode

**VADJ:** Output Voltage adjustment

2. Switch power supply can be used 110V and 220V AC power for input, The AC Voltage switch is in the top of the power supply sub-rack. Before plug in please check the voltage position is correct or not otherwise may take a permanent damage in this power supply.
3. Be sure to keep the ground wire connection, avoid electric shock and common mode interference or differential mode interference.

**Multiple view, more attention!**

**Mulview Technology Limited**

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