

ИПН-24060 (IPN-24060)



◆Feature

- .Small size, High efficiency, High reliability, Long lifetime;
- .Ip66 rating ;
- .Working temperature -25℃~+50℃;
- .Protection : Overload, Over voltage, Short-circuit, Over temperature ;
- .Typical efficiency:89% ;
- .Start delay design, which can reduce the starting current when multiple simultance start ;
- .CE/IP66 certified, ROHS compliant ;
- .Low output ripple noises.

Functional parameter

| Model Number | | IPN-24060 | | | | |
|-------------------------------|----------------------------------|--|--|--|--|--|
| Output | DC Voltage | 24V | | | | |
| | Output range of constant current | / | | | | |
| | Rated current | 2.5A | | | | |
| | Range of the current | 0~2.5A | | | | |
| | Rated power | 60W | | | | |
| | Ripples and Noise(max.) | 120mVp-p | | | | |
| | Voltage tolerance | ±2% | | | | |
| | Line regulation | ±0.5% | | | | |
| | Load regulation | ±1% | | | | |
| | The group of output | 1 | | | | |
| In put | Set up and rise time | 2000ms, 50ms (When fully loaded) 230Vac | | | | |
| | Holding time (Typ.) | 15ms (When fully loaded) 230Vac | | | | |
| | Range of Voltage | 170~264Vac or 240~374Vdc | | | | |
| | Range of frequency | 47~63Hz | | | | |
| | Power factor | PF≥0.5/230Vac (When fully loaded) | | | | |
| | Efficiency (Typ.) | 89% | | | | |
| | AC current | 0.7A/230Vac | | | | |
| | Inrush current (Typ.) | Cold start:50A/230Vac | | | | |
| Protection | Leakage current | <0.75mA/240Vac | | | | |
| | THD | / | | | | |
| | Overloading | 104% to 125% of the rated output power Protection mode: Restrict the current,self-recovery when exceptional loading be removed. | | | | |
| | Short circuit | Protection type: Hiccup mode,self-recovery when exceptional loading be removed. | | | | |
| | Overvoltage | 25~34V | | | | |
| Environment | | Protection type: Hiccup mode,self-recovery when exceptional loading be removed. | | | | |
| | Over temperature | Ta: 55℃~65℃ Protection mode:Power off the output voltage, self-recovery when the temperature reduced | | | | |
| | Working temperature | -25℃~+50℃ | | | | |
| | Working humidity | 10%~90%RH, No Condensation | | | | |
| | Storage temperature and humidity | -25℃~+75℃, 25%~85%RH | | | | |
| Safety and regulatory and EMC | Temperature coefficient | 0.05%/℃ (0~40℃) | | | | |
| | Vibration-proof | 10-300Hz, 1G 10minutes/cycle, X, Y, Z axis each 60minutes | | | | |
| | Safety and regulatory | Conform EN61347-1, EN61347-2-13, accord with Ip66 rating. | | | | |
| | HI-POT | I/P-O/P:3.75KVAC I/P-FG:1.875KVAC O/P-FG:0.5KVAC | | | | |
| | Insulation resistance | I/P-O/P, I/P-FG, O/P-FG: 100Mohms/500Vdc 25℃/70%RH25℃/70%RH | | | | |
| Others | EMI | / | | | | |
| | Harmonic current | / | | | | |
| | EMS | / | | | | |
| | MTBF | ≥200Khrs, MIL-HDBK-217F (25℃) | | | | |
| | Dimension | 179X41X31mm(L*W*H) | | | | |
| Structure (mm) | Package | 0.4Kg/PCS: 50PCS/20Kg/box; (445X345X200mm) | | | | |
| | Wire | In put: VDE H03VV-F 3C*0.5mm black, length200mm, Out put: VDE H03VV-F 2C*0.5mm ² white, length 200mm | | | | |

