

60W Power Supply Module



IPERTU-MPS060-00-00-00-00_1

General Specifications :

- * Universal Input Voltage 100-240 VAC (-15% .. +10%) 50/60 Hz
- * 24VDC ($\pm 10\%$) Adjustable Output Voltage
- * 2,5 A / 60 W @ 24 VDC
- * Active Output Led indicator
- * Can be connected to other IPERTU modules over IPERTU BUS without cable connection (must be connected to left of the modules connected to the IPERTU BUS)

Electrical Specifications

| Input | |
|---------------------------------|---|
| Input Voltage Range | 100-240 VAC (-15% + 10%) 50/60 Hz |
| Efficiency | > 84% |
| Inrush Current | max 33A @ 230 VAC |
| Leakage Current | max 2.5mA |
| Output | |
| Rated Power | 60W 2,5 A @ 24 VDC |
| Adj. Voltage Range | 24 VDC ($\pm 10\%$) Can be adjusted with Trimpot in the given range. |
| Ripple | 300 mVpp max |
| Load Regulation | < 1,5% |
| Line Regulation | < 1,5% |
| Start Up Time | 1200ms/230VAC |
| Hold Up Time | 100ms/230VAC |
| Protections | |
| Overload Protection | 140% |
| Short Circuit Protect. | Auto-recovery after error disappears. |
| Thermal Protection | When the ambient temperature rises above 55 °C, the output voltage reduced depending on ambient temperature and load current. |
| Operation / Storage Environment | |
| Operation Temp. | -20..+50 °C |
| Storage Temperature | -30..+75 °C |
| Protection Class | IP20 |
| Pollution Degree | 2 |
| Isolation | <ul style="list-style-type: none"> * 3000 VAC isolation between Input and Output * 1500 VAC isolation between Input and Earth * 500 VAC isolation between Output and Earth |
| Dimensions (W*H*D) | 50*100*70 mm |
| Weight | 230 gr |
| Indicators | |
| Output | Output Led is ON when the output is in rated limits. |

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* 24Vdc @ 2.5A
(With potentiometer
+/- 10% adjustable)

24Vdc
24Vdc
0Vdc

Supply Voltage

100-240Vac
(-15%...+10%) 50/60Hz

Dimensions

