

- **Input Range 90~264 VAC**
- **1500 VAC Isolation**
- **Operating Temperature -40°C ~ +65°C**
- **High Efficiency up to 88%**
- **SCP, OVP, OCP**
- **Size: 160mm (L) x 140mm (W) x 40mm (H)**
- **Conduction cooled**
- **Weight ≤ 3Kg**
- **1 Year Warranty**

## Specification

### Input

Input Voltage	• 90-264 VAC, Typ. 230 VAC
Input Frequency	• 47-63 Hz, Typ. 50 Hz
Power Factor	• ≥0.9 at full load

### Output

Output Voltage	• V1: +28 VDC ± 0.3 V • V2: -28 VDC ± 0.3 V
Output Current	• I1: 10A • I2: 10A
Output Power	• 350-Watt max.
Voltage Accuracy	• ≤ ±1%
Line Regulation	• ≤ ±1% at connector end
Load Regulation	• ≤ ±1% at connector end
Ripple & Noise	• ≤ 300mV pk-pk at connector end
Overcurrent Protection	• 110 ~ 200%
Overvoltage Protection	• 110 ~ 130%
Short Circuit Protection	• Auto Recovery
Over Temp Protection	• 90°± 5°C

### General

Efficiency	• Up to 88% at full load
Isolation	• 1500 VAC Input to Output Leakage current ≤10mA/60s • 1500 VAC Input to Ground Leakage current ≤10mA/60s • 500 VDC Output to Ground Leakage current ≤10mA/60s
Insulation Resistance	• 100 MΩ, DC 500V Input to Output • 100 MΩ, DC 500V Input to Ground • 100 MΩ, DC 500V Output to Ground

### Environmental

Operating Temperature	• -40 °C to +65 °C
Cooling	• Baseplate, Conduction cooling
Operating Humidity	• 95% RH, non-condensing
Storage Temperature	• -40 °C to +85 °C

### Notes

1. Safety approvals cover frequency 47-63 Hz.

## Mechanical Drawing

