

ZERO VOLTAGE SWITCHING MODE POWER SUPPLY

ZVS Series



Description

This series of super efficient power supplies provides a long term cost saving in energy cost, more reliability, longer lifetime and require less warranty coverage.

The Zero Voltage Switching design reduces power dissipation in the switching transistors and EMI level resulting a quiet (lesser switching noise) and cooler running supply.

It is especially suitable for telecommunication, long hour operation, and in close proximity with other equipment.

Two supplies can fit neatly in a 2U 19inch rack mount due to the small form factor.

Features

- High efficiency even at loads: 85% at 20% load, 90% at 50%, 90% at full load.
- High RFI immunity and excellent EMI.
- Intelligent fan speed control (zero to full speed).
- Binding post and cigar socket (cigar socket for ZVS-8350, 8352 only)
- Active PFC.
- Over load, Short Circuit, Over Temperature protections.
- Output Over Voltage Protection.
- User adjustable fine tune setting.
- Analogue Remote ON/OFF.

Specifications

Models	ZVS-8350	ZVS-8352
Output Voltage	13.8VDC	27.6VDC
Rated Output Current	35A	18A
User Fine Tune Setting	12-14.5VDC	25-28.5VDC
Ripple & Noise (peak-peak)	50mV	50mV
Load Regulation (0-100% load)	50mV	
Line Regulation (170-264VAC))	20mV	
Efficiency (85%@20% load ; 90%@50% to full load)	90.3%@full load	91%@full load
Input Voltage	230VAC 50Hz~ (or on request)	
Rated Load Input Current	2.45A	2.55A
Standby Consumption	5.5W	8W
Power Factor	0.97	
Cigar Plug Output	Yes	Yes
Operating Temperature	0-50°C	
Protection	Overload, Short Circuit by Constant Current, Output Over Voltage, Over Temperature	
Cooling System	Thermostatic Control Fan from zero to full speed	
Approval	CE EMC: EN 55022 LVD: EN 60950	
Dimension (WxHxD)	175x72x195 mm 6.9x2.8x7.7 inch	
Weight	1.8 kgs 4 lbs	

Accessories



AC Power Cord



User Manual

* All values are based on the Standard ambient Temperature 25°C and Pressure 0.1Mpa.

* SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE