ORVALDI 450/650/850 LED/LCD

ORVALDI 450/650/850 series works in class Line-Interactive. With fully microprocessor control provides a high degree of protection of connected devices, it secures your data loss from power failure, surge, and sags. Wide input voltage range and power stabilization AVR extend the life of the batteries.

ORVALDI 450 LED

Product features:

- fully microprocessor control,
- small dimensions high output,
- Boost i Buck AVR for voltage stabilization,
- short switching time 2~6ms,
- simulated sinevawe output (bat. mode),
- auto-restart with the return of mains,
- charge the batteries while the UPS is off,
- cold start function,
- surge protection RJ45,
- communication USB,
- quiet operation,

Apply:

- house hold electronics,
- emergency lighting,
- alarm system,
- telecommunications equipment,
- fiscal devices,
- servers and small networks (passive PFC),

ORVALDI 650/850 LCD

Specification:

Model	ORVALDI 450 LED	ORVALDI 650 LCD	ORVALDI 850 LCD
Part no	VES450	VES650	VES850
Capacity	450VA/240W	650VA/360W	850VA/480W
INPUT			
Voltage range	162-290VAC		
Frequency range	60/50 Hz (Auto sensing)		
OUTPUT			
Voltage	220/230/240VAC		
AC Voltage Regulation (Batt. Mode)	±10%		
Frequency Range (Batt. Mode)	60 Hz or 50 Hz ±1 Hz		
Transfer time	Typical 2-6ms, 10ms max		
Waveform (Batt. Mode)	Simulated sinewave		
BATTERY			
Battery Type & Number	12V/4.5Ah x 1	12V/7Ah x 1	12V/9Ah x 1
Typical Recharge Time	4-6 h to 90% of capacity		
PROTECTION			
Full Protection	Overload, discharge, and overcharge protection.		
Indicators	AC Mode / Battery Mode	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault and Low Battery	
ALARM			
Battery Mode	Sounding every 10 seconds		
Low Battery	Sounding every second		
Overload	Sounding every 0.5 second		
Battery Replacement Alarm	Sounding every 2 seconds		
Fault	Continuously sounding		
PHYSICAL			
Dimension, D x W x H (mm)	279 x 101 x 142	287 x 100 x 142	
Net Weight (kgs)	3.55	4.25	4.9
Output socket	2 pcs schuko	4 pcs IEC320 (C13)	
Humidity	0-90 % @ 0- 40°C (Non-condensing)		
Noise Level	< 40 dB		
MANAGEMENT			
Port USB	N/A	Supports Windows® 2000/2003/XP/Vista/2008, Windows2 7/8, Linux, Unix and MAC	