



EP 4500 Rack

EP 4500 Rack, built for reliability, purity and power

EP 4500 Rack UPS make use of the unique double conversion circuitry to detect the electricity current andvoltage output of utility power supply. The current is input via the high frequency PWM to maintain uniform wave from and phase in line with the voltage, so as to attain high input power factor over 95% and avoid generating comparatively significant harmonic interference on the power network.

With the use of the outstanding IGBT as the power conversation component, the operating frequency of the Inverter of UPS is capable of reaching tens of KHz, due to the high frequency op Terating characteristics of IGBT. Higher working efficiency of the inverter also improves the overall efficiency of UPS and higher inversion frequency reduces the noise of the inverter as well.

Microprocessor Control

By means of innovative software and control programs, the complicated hardware circuitry is inlaid in the powerful microprocessor. Apart from reduced size, it also lowers the defective rate of UPS.

Communication Ports

EP 4500 Rack Offers three different communication ports for user selection: RS232, USB card, SNMP card and AS-400 card. Through either one of them, the user can control and monitor UPS status easily.

Auto Self-Testing System

When turning on the EP 4500 Rack UPS system, it immediately performs an inspection of the components such as the inverter, the battery, and the load. The system will also detect any problems in time to avoid causing any damage to the system.

Modular Design

EP 4500 Rack is the modular design UPS. There are many small modular boards on the Power Board. They are Fan module, charger module, Power Supply module, DC-DC module, PFC module and PWM Driver module etc. The modular design helps technicians to maintain and repair the UPS easily and the product performance will be more stable.

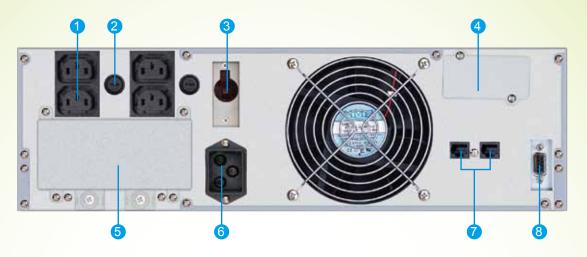
Power Management Software

To provide the battery control of the EP 4500 Rack UPS system, we developed a free download software, Winpower, available online for you to moniter and manage UPS Working Status easily and in real time.

User Selectable Output Voltage

EP 4500 Rack enables users to select corresponding output voltage to the local mains power without changing hardware. Users can select output voltage by just pushing a button.

Back Panel



- 1.Output Socket
- 2.FUSE
- 3.Breaker
- 4.Intelligent Slot
- 5.Terminal Block
- 6.External Battery
 Connector
- 7.Network/Fax/Modem Surge Protection
- 8.Communication Port

Specification

MODEL		EP4500
CAPACITY	VA/W	4500VA/4200W
INPUT	Voltage Range Transfer	276VAC±3VAC
	Comeback	266VAC±3VAC
	Frenquency Range	46Hz~54Hz
	Phase	Single phase with ground
	Power Factor	≥0.98
Output	Voltage	220VAC/230VAC/240VAC
	Voltage Regulation	±1%
	Frenquency(Synchonized range)	46~54Hz
	Frengency(Batttery Mode)	50±0.05Hz
	Current Crest Ratio	3:01
	. 5: (//	4% THD(Lineader Load) 7%
	Harmonic Distortion	THD(Non-Lineader Load)
	Output Waveform	Pure Sinewave
EFFICIENCY	AC MODE	>88%
	Battery Mode	
BATTERY	Battery Type	12V/9Ah
	Numbers of Batteries	20
	backup Time(Full Load)	>9 minutes
	Changing Current(Max.)	2A
	Changing Voltage	274Vdc±0.5V
TRANSFER TIME	AC to DC	Zero
	Inverter to Bypass	Zero
INDICATOR	Status	Load level/Battery Level/Battery Mode/AC mode/Bypass Mode/Fault
AUDIBLE ALARM	Battery Mode	Sounding every 4 seconds
	Low Battery	Sounding every second
	Overload	Soungding twice every second
	Fault	Continously Sounding
DIMENSION	UPS Case	600*482.6*132
	Battery Pack	
WEIGHT		18.3Kgs
ENVIRONMENT	Operating Temperature	0~40
	Relative Humidity	20~90%(NON-CONDENSING)
	Noise Level	<55dB@1Merer
INTERFACE	Smart RS-232	Sofeware supports Windows 98/NT/2000/ XP/2003/ME,Linux,Sun Solaris,IBM Aix,Compaq True64,SGIIRIX,FreeBSD,HP-UX,and MAC
	SNMP(optional)	Power management from SNMP manager and web browser
	USB(optional)	Windows family and Mas OS
		,