



Eco Power Series 600VA - 3000VA

FEATURES

- AVR boost and buck
- Automatic booting when the utility on
- Built-in self-diagnostic function
- LED panel (LCD option)
- Wide range off input voltage
- Fastest charging capacity
- Auto charging at off mode
- Overvoltage and circuit short protection

MODEL	EP 600	EP 800	EP 1000	EP 1200	EP 1500	EP 2000	EP 3000
Capacity (VA/Watt)	600 / 300	800 / 400	1000 / 600	1200 / 720	1500 / 900	2000 / 1200	3000 / 1800
INPUT							
Nominal input voltage	220/230/240 VAC						
Operating voltage range	145-290 VAC					175-275VAC	
Operating frequency range	50/60 Hz (Auto sensing)					50 Hz	
OUTPUT							
Output voltage	220/230/240 VAC					220 VAC	
Frequency range (batt.mode)	50 or 60 Hz \pm 0.5 Hz						
Transfer time	Typical 2-6 ms, 10 ms max.						
Wave form	Simulated sine wave						
BATTERY							
Battery type & number (SLA)	12V/7Ah x 1	12V/9Ah x 1	12V/7Ah x 2	12V/7Ah x 2	12V/9Ah x 2	12V/7Ah x 4	12V/9Ah x 4
Typical recharge time	6-8 hours (to 90% of full capacity)					10-16 hours	
SYSTEM FEATURES							
Indicators	AC Mode (Green LED lighting)		The 5th green LED lighting (the 1st to 4th green LED lighting to indicate load level), LED1 (green): > 100% load level, LED2 (green): > 75% load level, LED3 (green): > 50% load level, LED4 (green): > 25% load level				
	Battery Mode (Amber LED flashing)		The 5th green blinking (the 1st to 4th green LED lighting to indicate battery capacity), LED1 (green): battery voltage > 25V LED1 (green): battery voltage > 23V LED1 (green): battery voltage > 22V LED1 (green): battery voltage > 21V				
			Fault (Red LED lighting)				
Protection	Overload, overcharge protection, low/high voltage, short circuit						
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						
ENVIRONMENTAL							
Operating temperature	0 - 40 °C						
Humidity range	0 - 95% (non-condensing)						
Noise level	<40dB (1 meter from surface)						
PHYSICAL							
Dimension D x W x H (mm)	298 x 101 x 142		338 x 149.3 x 162		380 x 158 x 198	408 x 145 x 220	
Net weight (kg)	4.25	4.9	7.8	8	11.1	19	21
STANDARDS							
Safety	IEC/EN62040-1;IEC/EN60950-1						
EMC	IEC/EN62040-2;IEC/EN61000-4-2;IEC61000-4-3;IEC61000-4-4;IEC61000-4-5;IEC61000-4-6;IEC61000-4-8						
Optional	LED/LCD, RJ45/11, USB						

◆ Specifications are subject to change without prior notice