

EPSI series

Model	EPSI-500	EPSI-800	EPSI-1000	EPSI-1500	EPSI-2000	EPSI-3000	EPSI-5000
Rated Capacity	500VA	800VA	1000VA	1500VA	2000VA	3000VA	5000VA
Rated Power	300W	500W	700W	1050W	1400W	2100W	3500W
Transformer	C.R.G.O						
Interface	LED graphic						
Display Status	working & loading & battery						
Input	Voltage	140~275 Vac					
	Frequency	45~65 Hz					
Output	Voltage	220Vac $\pm 1\%$ for inverter; 220Vac $\pm 8\%$ for regulator					
	Frequency	50/60 Hz ± 0.5 Hz, subject to the main					
	Wave form	Pure sinve wave					
	Wave distortion	$\leq 3\%$					
Protection	Overload	Yes					
	High temperature	Yes					
	Output high/low voltage	Yes					
	Battery low voltage	Yes					
	Battery	Over-charge, over-discharge, reversed polarity protection (optional)					
	Short circuit	Yes					
Transfer Time	≤ 4 ms						
Battery Voltage	12V DC	12V DC	12V DC	24V DC	24V DC	48V DC	96V DC
Charge Voltage	13.8V ± 0.5 V	13.8V ± 0.5 V	13.8V ± 0.5 V	27.6V ± 0.5 V	27.6V ± 0.5 V	55V ± 1 V	110V ± 2 V
Low Battery Voltage Limit	11V ± 0.5 V	11V ± 0.5 V	11V ± 0.5 V	22V ± 1 V	22V ± 1 V	44V ± 1 V	88V ± 2 V
Battery Low Voltage Protection Point	10.5V ± 0.5 V	10.5V ± 0.5 V	10.5V ± 0.5 V	21V ± 1 V	21V ± 1 V	42V ± 1 V	84V ± 2 V
Charge Current	Max. 10-20A Optional						
Cooling system	Yes						
Environmental	Operating temperature	0 - 40 °C					
	Relative humidity	10%~90% RH, non-condensing					
	Storage temperature	- 15 - 45 °C					
Inverter size (mm)	230x145x180			355x220x250			
	Inverter N.W. (kg)	5.10	6.50	7.60	8.70	12.40	16.40

Appearance	Inner box size (mm)	293x190x225		395x272x305			
	Qty/Ctn	4		1			
	Carton size (mm)	785x305x240		395x272x305			
	Carton G.W. (kg)	21.90	27.50	8.40	9.50	13.20	17.20