

## EMSI series

Model	EMSI-500	EMSI-750	EMSI-1000	EMSI-1500	EMSI-2000	
Rated Capacity	500VA	750VA	1000VA	1500VA	2000VA	
Rated Power	300W	450W	600W	900W	1200W	
Transformer	C.R.G.O					
Interface	LED graphic					
Display Status	working & loading & battery					
Input	Voltage	100-280V/115-280V/157-280V/180-260V Optional				
	Frequency	45~65 Hz				
Output	Voltage	220Vac $\pm 1\%$ for inverter; 220Vac $\pm 11\%$ for regulator				
	Frequency	50/60 Hz $\pm 0.5$ Hz, subject to the main				
	Wave form	Modified sinve wave				
Protection	Overload	Yes				
	High temperature	Yes				
	Output high/low voltage	Yes				
	Battery low voltage	Yes				
	Battery	Over-charge, over-discharge, reversed polarity protection				
	Short circuit	Yes				
Transfer Time	$\leq 10$ ms					
Battery Voltage	12V DC	12V DC	12V DC	24V DC	24V DC	
Charge Voltage	13.8V $\pm 0.2$ V	13.8V $\pm 0.2$ V	13.8V $\pm 0.2$ V	27.5V $\pm 0.2$ V	27.5V $\pm 0.2$ V	
Low Battery Voltage Limit	10.5V $\pm 0.3$ V	10.5V $\pm 0.3$ V	10.5V $\pm 0.3$ V	21V $\pm 0.3$ V	21V $\pm 0.3$ V	
Battery Low Voltage Protection Point	10V $\pm 0.3$ V	10V $\pm 0.3$ V	10V $\pm 0.3$ V	20V $\pm 0.3$ V	20V $\pm 0.3$ V	
Charge Current	7A/15A Selection					
Cooling system	Yes					
Environmenta	Operating temperature	0 - 40 °C				
	Relative humidity	10%~90% RH, non-condensing				
	Storage temperature	- 15 - 45 °C				
Appearance	Inverter size (mm)	205x120x310				
	Inverter N.W. (kg)	4.30	5.30	6.30	9.80	12.80
	Inner box size (mm)	240x160x360				
	Qty/Ctn	2				
	Carton size (mm)	540*365*185				
	Carton G.W. (kg)	10.50	12.50	14.50	21.50	27.50