

INV002 | INV012 | INV016 | INV017 | INV023 | INV046

eRAY



IH400L

400W/12V

IH400M

400W/24V

IH700L

700W/12V

IH700M

700W/24V

IH1000L

1000W/12V

IH1000M

1000W/24V

BATTERY INVERTERS

ERAY	IH400L/M	IH700L/M	IH1000L/M
Product Code	INV002 / INV012	INV016 / INV017	INV023 / INV046
Nominal voltage	12/24VDC		
Voltage range	10.5~16.0/21.0~32.0VDC		
Under-voltage protection (VDC)	10.5± 0.3/21.0± 0.6VDC		
Under-voltage recovery	12.6± 0.3/25.2± 0.6VDC		
Over-voltage protection	16.5± 0.5/33.0± 1.0VDC		
No load current	≤0.5A	≤1.0A	≤1.0A
Power saving mode	/	/	/
Current when power off	≤3mA		
Continuous output power	400W	700W	1000W
Maximum output power (1min)	440W±5%	770W±5%	1150W±5%
Output voltage	230VAC ± 5%		
Output frequency	50± 0.5Hz		
Output waveform	Pure sine wave		
Total harmonic distortion	<3% @ Nominal load		
Short circuit protection	<5s, auto-restart		
Efficiency (Max.)	90%		
AC input voltage range	/	170~260VAC	
Bypass maximum output current	/	6A	10A
Transfer time	/	<30ms	
Output voltage	/	5± 0.25VDC	
Maximum output current	/	2A	
Input protection	Over / under voltage protection, Reverse polarity (internal fuse)		
AC output protection	Over load , Short circuit		
Others	Over temperature		
AC output connector	Sockets		
DC output connector	/	USB socket	
Communication	/	RS485	
Cooling	Temperature and load controlled Fan		
Noise	<55dB		
Protection	IP20		
Dimension (mm) (max)	222*166*64	313*187*96	
Net weight (kg)	1.2	1.7	2.4
Safety	EN60950-1		
EMC	EN61000-6-1;EN61000-6-3;		
E-mark	E4-10R05-01-4418;E4-10R05-01-4419		
Operating Ambient Temperature	-20°C~40°C		
Storage Temperature Range	-30°C~70°C		
Storage humidity	10~95% RH		
Warranty	1 Year		