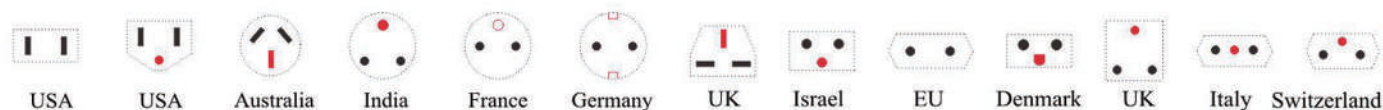


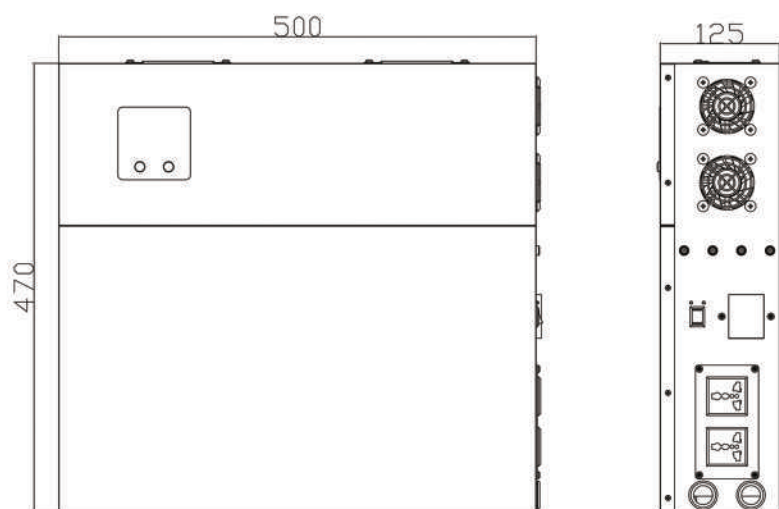


* 3D model available

Optional Sockets



Technical Drawing (mm)



- Built-in 40A MPPT solar charge controller, PV input 9V to 150V.
- Built-in pure sine wave power inverter, double surge power.
- Built-in grade A 12.8V 100Ah LiFePO4 battery, cycle > 4000 times @ DOD>80%.
- Built-in low /over voltage, over load protector, display ac output voltage, output power etc. (double protection).
- Built-in 4* 12VDC 5525 port, easy to use DC load, such as DC load.
- Easy to install and support Wall Hanging.

Parameters

Model	Hestia-4006-1	Hestia-4006-2	Hestia-4010-1	Hestia-4010-2	Hestia-4020-1	Hestia-4020-2
Inverter						
Rated Power	600W	600W	1000W	1000W	2000W	2000W
Peak Power	1200W	1200W	2000W	2000W	4000W	4000W
Wave Form	Pure sine wave					
Frequency	50HZ/60HZ					
Output Efficiency	≥ 88%					
System Voltage	12V					
DC Input Range	10VDC - 15.5VDC					
AC Output Voltage	120V (±5%)	230V (±5%)	120V (±5%)	230V (±5%)	120V (±5%)	230V (±5%)
Protection	Low/Over Voltage					
	Over load					
	Over Temperature					
	Short Circuit					
	Low/Over Voltage, Over load (LED or LCD display), Double protection					
MPPT						
Charge Rated Current	40A					
Standby Power	≥ 99.5%					
Maximum PV Input Voltage (VOC)	150VDC					
PV Input Voltage Range	9VDC - 150VDC					
Rated PV Power	600W					
MPPT Charge Current	40A					
MAX Charge Current	40A					
Charge Method	CC/CV					
Battery						
Nominal Voltage	12.8V					
Nominal Capacity	100Ah (Grade A 3.2V 100Ah battery cell)					
Usable Capacity	100Ah					
Energy	1280Wh					
Charge time	1-2 hours					
Charge Voltage	14.6V					
Discharge Cut-off Voltage	10V					
Standard Charge Current	100A					
Max. Charging Current	100A					
Max. Continuous Discharge Current	100A/1C Rating					
Max. Discharge Current 3 Seconds	200A/2C Rating					
Cycle Life	4000 times					
Internal Impedance	≤ 50mΩ					