



All-in-one

Off-grid energy storage system
Inverter Power:6kw
Battery Capacity:10kwh

IGNACORE

Technical Specifications

Model	Ignacore HomeCore-6
Max Load (kw)	6kW
Capacity(kwh)	10kWh

System General Data	
Temperature range	-20~60°C
Environment humidity	0-95%
Dimensions (H*W*D)mm	1185*640*192mm
Net Weight (Kg)	120Kg
Communication method	WIFI/4G

PV INPUT(DC)	
Recommend max.PV input power	6500 Wp
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC
MPPT Voltage Range	60~450VDC
Default No. of PV strings per MPPT	1/27 A
TWO LOAD OUTPUT POWER	
Full Load	6000W
Maximum Main Load	600W
Maximum Second Load(battery mode)	2400W
Main Load Cut Off Voltage	44VDC
Main Load Return Voltage	52VDC
GRID OUTPUT(AC)	
AC Start-up Voltage/Auto Restart Voltage	220/230/240VAC
Output Voltage Range	195.5~253VAC
Nominal Output Current	34.5A
Power Factor	>0.99
Feed-in Grid Frequency Range	49~51±1HZ
Maximum Conversion Efficiency(Solar to AC)	98%
AC INPUT	
AC Start-up Voltage/Auto Restart Voltage	220/230/240VAC
Acceptable Input Voltage Range	195.5~253VAC
Maximum AC Input Current	34.5A
Nominal operating frequency	>0.99
Surge power	49~51±1HZ
BATTERY MODE OUTPUT(AC)	
Nominal Output Voltage	220/230/240VAC
Output Waveform	Pure sine wave
Efficiency (DC to AC)	94%
Nominal DC Voltage	48V
Maximum Charging Current (Solar to AC)	100A
Maximum AC Charging Current	

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