

IGNACORE

HomeCore 6/10s

Battery Energy Storage System

Product Highlights

Plug & Play

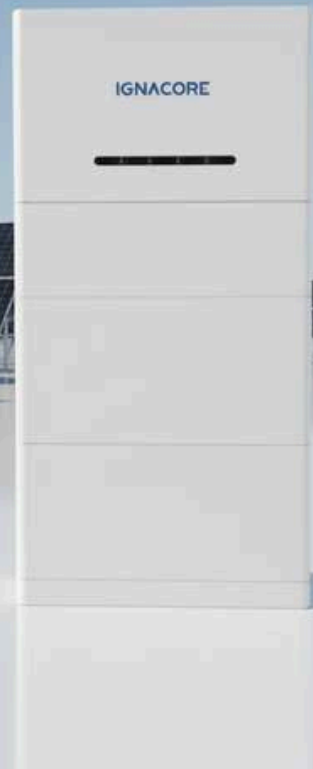
Plug & Play stackable design
10 minutes fast commissioning

High PV acceptance

40-600Vdc, 2X of rated power input

More Options

2x5.1KWH battery module + Optional battery stack



MODEL	HomeCore 6/10s
PV Specifications	
Max. PV input power	11000W
Nominal DC voltage/ Voc	360Vdc/600Voc
Start-up/ Min. operation voltage	50Vdc/40Vdc
No. of MPPTs/ Strings	2/1
Max. PV input/ Short circuit current	16A/ 20A
Input/ Output (AC)	
Max. AC input power from grid	11000VA
Rated/ Max. AC output power	6000W/6000VA
Rated AC output current (at 230V)	26.1A
Max. AC output current	27.3A
Rated AC voltage	220V/230V/240V
AC voltage range	154V~276V
Frequency	50Hz
Grid frequency range	45~55Hz
Harmonic (THD)	< 3%
Power factor at rated power	> 0.99
Adjustable power factor	0.8 (lead) ~ 0.8 (lag)
Phase	Single phase

Battery Data	
Rate voltage(Vdc)	51.2 V
Cell combination	16S1P*2
Rate capacity(AH)	100
Energy storage(KWH)	10.24
Cycle life	6000 @ 80 % DOD
Charge voltage	57.6V
Max. charge/discharge current(A)	100
Discharge cut-off voltage(VDC)	43.2
Charge cut-off voltage(VDC)	58.4
Enviornment	
Charge temperature	0°C ~ 50°C@60 ± 25% Relative Humidity
Discharge temperature	-20°C ~ 50°C@60 ± 25% Relative Humidity
Storage temperature	-20°C ~ 50°C@60 ± 25% Relative Humidity
Mechanical	
IP class	IP65
Material system	LiFePO4 (Semi Solid State)
Case typc	All in One Stack
Product dimension L*W*H(mm)	640*205*1692
Package dimension L*W*H(mm)	760*725*345+760*335*450*2
Net weight(kg)	25+(46*2) = 117
Communication	
Protocol(Optional)	RS485/RS232/WLAN Optional
Certificates	
	UN38.3, MSDS

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