Homate Series

Residential ESS



Nominal Energy

16kwh



Key Features

Safer & Reliable

LFP battery, safe & long lifespan.

Built-in intelligent BMS with active fuse for full protection.

Convenient & Smart

Battery module auto networking (No DlP), easy to use. Support local Bluetooth APP monitoring.

Wall & Floor-Mounted

Flat design, support wall-mounted and Floor-mounted, saving installation space. residential, portable and backup power.

Flexible

Modular design, easy to expand,. Suited to residential and small commercial applications for increasing the self-consumption ratio.

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Product Specifications

Model	Homate-A 16f	Homate-A 16p
Main Parameters		
Battery Chemistry	LiFePO4	LiFePO4
Capacity	314 Ah	314 Ah
Nominal Energy	16.07 kWh	16.07KWh
Cycle Lifespan	6000 Cycles(0.5C.25°C±2°C.70%EOL)	6000 Cycles(0.5C.25°C±2°C.70MEOL)
Warranty	5 years	5 years
Charge/Discharge		
Recommend DoD	90% DoD	90% DoD
Max.Charging Voltage	57.6Vdc	57.6Vdc
Over Discharging Voltage	44.8Vdc	44.8Vdc
Standard Charge/Discharge Current	155A	155A
Peak Charge/Discharge Current	170A(3s)	170A(3s)
Max Charging Temp.Range	0～55°C	0～55°C
Max Discharging Temp.Range	-10～55°C	-10～55°C
General		
Weight	117.5kg±3kg	117.5kg±3kg
Protection Degree	IP21	IP65
Operating Environment	Indoor	Outdoor
Operating Altitude	⩽3000m	
Dimensions(W×D×H)	500mm×870×251mm(286mm,wall bracket)	
Communication protocol	RS485,CAN,Bluetooth+APP	
Storage Condition	6 months,25°C±5°C,40%SOC,RH0%-85%No condensation	
Installation	□Floor-standing □Wall-mounted	
Operating humidity	RH 0%-90%,No condensation	
Function	□Bluetooth □ Bluetooth+WiFi	
Standard		
Certification	UN38.3.MSDS	

Notice: All data contained in this specification is subject to change without prior notice, and the final interpretation right belongs to Cora Dawn Solar.