



SOLECTRA HEBS-16



Easy to extend

Up to 16 units in parallel
16~256kWh capacity



Exceptional Performance

314Ah LFP Cells
Max Charge/Discharge current : 200A
Intelligent Cells Balancing



Reliable

Grade-A LiFePO4 battery
& Own-developed BMS



Long Lifespan

Up to 8000 cycles @25°C,
90% DOD



Smart and Easy Operation

Built-in WiFi , BT module
APP monitoring
OTA function



Safe Guarded

Pre-charge function for
a safe initial connection



Own-developed IoT

WiFi connection and RS485 /
CAN communication available



Eco-friendly

Less noise & air pollution,
more sustainable

Compatible inverters

Battery BMS is freely compatible with multiple inverter brands in the market.



SOLECTRA HEBS-16

TECHNICAL PARAMETER



Parameters

Model	Ebox 16
Nominal Voltage (Vdc)	51.2 V
Capacity (Ah)	314
Nominal Capacity (kWh)	16.076
Built-In Circuit Breaker	125A,2P
Nominal Charge/Discharge Current(A)	157/157
Max Charge/Discharge Current(A)	200/200
Max Depth of Discharge	95%
Cycle Life	8000 @ 90% DOD, 25°, 0.5C
Structure	
Dimension(W*D*H)(mm)	380x239x838
Weight(Kg)	116
IP Rating	IP21 (with top cover)
Installation	Floor mounted
Working Environment	
Charge Working Temperature(°C)	0~55°C
Discharge Working Temperature(°C)	-20~55°C
Altitude(M)	<2500
Humidity(RH)	5-95%(No condensation)
Communication/Warranty	
Communication Port	RS485,CAN
Warranty Period	10 years

Compatible Inverter List

Solectra,Solis,Deye,Growatt,Victron,Afore,Goodwe,Voltronic,Gospower,Srne,Felicity..

* Test conditions: 0.5C Charging& Discharging. @25°C, 80% DOD