Absen Energy

Residential Battery(LV)

Ebox 16

- 8000 long cycles
- Max 200A charge/discharge current
- Capacity expandable from 16kWh to 512kWh
- Supports RS485/CAN comm interfaces
- Easy to move, suitable for multi-scenario use
- Built-in WiFi, real-time APP monitoring, OTA upgrades



Model	Ebox 16
Nominal Voltage (VDC)	51.2
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 Discharge Depth (A)	95%
Cycle Life	8000 @90%DOD,25℃,0,5C
Structure	
Dimensions (W*D*H)(mm)	380x239x838
Weight (kg)	116
IP Rating	IP21 (with top cover)
Installation	Floor mounted
Parallel quantity	2-32 units (>16 units, connection hub required)
Working environment	
Charge Working Temperature (℃)	0~55
Discharge Working Temperature (℃)	-20~55
Altitude (m)	<2500
Humidity (RH)	5-95%
Communication/Warranty	
Communication Port	RS485,CAN
Warranty Period	10 years
Certificates	CB, IEC62619, CE-EMC, EN61000, UKCA, UN38.3, MSDS
Compatible Inverter List	Solis, Deye, Growatt, Victron, Afore, Goodwe, Voltronic, Gospower, Srne, Felicity...

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