LiFePO4 Battery System

ECHO-1



Features

- Grade A Cell
- ≥8000 Cycles
- Plug And Play
- Safe And Long Lifespan
- Installation-free
- Reliable Performance

Datasheet

Model	ECHO-1
System Specitification	
AC	
Nominal Output Power	500W
AC Iutput Frequency and Voltage	45-65Hz; L+N; 90~280Vac
AC Output Frequency and Voltage	50Hz; L+N; 220/230Vac
Grid Type	Single-phase
PV	
Max. PV Input Power	300W
Max. PV Input Current	10A
Rated PV input Voltage	11-55VDC
Battery	
Nominal Capacity	314Ah
Battery Type	LiFePO4
Energy Range	1kWh
Maximum charging current	140A
Battery Operating Voltage	3-3.65 V
Cycle Life(@25°C)	≥8000 Cycles
Depth of discharge(DOD)	90%
Others	
Operating Temperature Range	—10°C ~ +40°C
Storage Temperature	—15°C ~ +60°C
Protection Level	IP20
Altitude	≤3000m
Warranty Period	Two years(0.5C charge/Discharge @25°C, 80%DOD)
Certification	EN-IEC 60335-1, EN-IEC 60335-2-29, IEC 62109-1
Product Dimension(L*W*H)	230*187*307mm±5mm
Package Dimension	247*290*370mm±5mm
Product Weight Approximate	13kg±1kg
Package Weight Approximate	14kg±1kg

***Test conditions: 0.5C charge/discharge, @25°C, 80% DOD; product specifications are subject to change without prior notice.**

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