

All In One Solar Generator ECHO Series



Features



Grade A Cell



≥8000 Cycles



Plug And Play



Safe And Long Lifespan



Installation-free



Reliable Performance

Datasheet

Model	ECHO-1	ECHO-2
System Specification		
AC Specification		
Nominal Output Power	500W	1000W
AC Input Frequency and Voltage	45-65Hz; L+N; 90~280Vac	
AC Output Frequency and Voltage	50Hz; L+N; 220/230Vac	
Grid Type	Single-phase	
PV Specification		
Max. PV Input Power	300W	550W
Max. PV Input Current	10A	15A
Rated PV input Voltage	11-55VDC	11-55VDC
Battery Specification		
Nominal Capacity	314Ah	
Battery Type	LiFePO4	
Energy Range	1kWh	2kWh
Maximum Charging Current	140A	160A
Battery Operating Voltage	3-3.65 V	6-7.3 V
Cycle Life(@25°C)	≥8000 Cycles	
Depth of discharge(DOD)	90%	
Other Specification		
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	284*280*307mm±5mm
Package Dimension	370*290*247mm±5mm	370*340*344mm±5mm
Product Weight Approximate	13kg±1kg	21.2kg±1kg
Package Weight Approximate	14kg±1kg	22.5kg±1kg

*Battery cell lifespan: 10 years

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