# LiFePO4 Battery System
## ECHO Series




## Features

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

# Datasheet

| Model | ECHO-2 |
|---|---|
| **System Specitification** | |
| **AC** | |
| Nominal Output Power | 1000W |
| 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 | 550W |
| Max. PV Input Current | 15A |
| Rated PV input Voltage | 11-55VDC |
| **Battery** | |
| Nominal Capacity | 314Ah |
| Battery Type | LiFePO4 |
| Energy Range | 2kWh |
| Maximum charging current | 160A |
| Battery Operating Voltage | 6-7.3 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) | 284*280*307mm±5mm |
| Package Dimension | 344*340*370mm±5mm |
| Product Weight Approximate | 21.2kg±1kg |
| Package Weight Approximate | 22.5kg±1kg |

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

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