



LiFePO4 Battery

EC-Mini 5.12

FEATURES AND ADVANTAGES



LiFePO4 Battery



Safety & Reliability



Scalability



95%DOD



Cycle Life $\geq$ 8000 Times



LED light



Compact size and light weight



99% Faradic Charge Efficiency

CERTIFICATE



PRODUCT DATA SHEET

MODEL	EC-Mini 5.12
Total Energy [kWh]	5.12
Capacity [Ah]	100
Nominal Voltage [V]	51.2
Voltage Range [V]	44.8-57.6
Recommended Charge & Discharge Current [A]	50
MAX. Charge & Discharge Current [A]	100
Product Dimension [WxDxHmm]	440×550×145
Net Weight [Kg]	43
Installation	Wall-mounted/Stacked
Scalable	1~16 in parallel
Communication	CAN,RS485
Communicated Inverter	Deye / Victron / LuxPower / Growatt / SMA / MUST / SOROTEC / Voltronic / SRNE
Enclosure Protection Rating	IP21
Charging Temp Range [°C]	0~55
Discharging Temp Range [°C]	-10 ~55
Cycle Life	≥ 8,000 Cycle@ 80% DOD / 25°C / 0.5C, 60%EOL
Warranty	5 years
Certification	IEC62619,UN38.3,CE

*Specifications are subject to change without prior notice.

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