

ES-5.12KWH

ESENER



ESENER LITHIUM 51.2V 100Ah

- Advanced BMS with current limiting function
- CAN Bus, fully integrates and communicates with leading Inverter brands(Growatt,SOLAX,LUXPower,DEYE,MUST, Voltronic,Victron,SMA...etc.)
- Excellent high temperature performance
- High cycle life and service life
- 1C High performance lithium battery
- High energy density and conversion efficiency
- Complete with integrated battery management system
- Compatible with most Inverters and chargers
- Low self discharge
- Easy wall mount or shelf rack installation
- Heavy duty side handles for easy handling and mounting on the wall
- Built in protection for over-charge, over-discharge & over-temperature

ITEM	SPECIFICATION		
Model	ES-5.12KWH		
Rated Capacity (5HR)	100 Ah		
Voltage	51.2 V		
Discharge Cut off Voltage	44.0V		
Equalized Charge Voltage	56.8 V		
Max. Continuous Charging Current	100 A		
Max. Continuous Discharging Current	100 A		
C Rating	1.0 C		
Weight	Approx. 46 Kg		
Display	LCD		
Parallel	Parallel connection up to 15 packs with full communications		
Dimensions (WxDxH) mm	505mm x 543mm x 162mm		
Ports	1x CAN-bus, 1x RS-485 Battery Link ports, 2x Parallel Instruction ports		
Cells	New Li-ion Prismatic cells		
Warranty	5 Years		
Design Life	+/- 15 Years		
Cycle Life @ 1C	+/- 4000 Cycles @ 100% DOD, Above 6000 cycles @ 80% DOD		
Certification	CE, UN38.3,IEC,MSDS		
Outer Package Material	White bake lacquer steel case		
Operating Temperature	Charging: 0 to +50°C	Discharging: -10 to +50°C	Storage: -10 to +50°C
Protection	Electronic Circuit Breaker, BMS Voltage Protection, Current Limiting		
Compatible Inverter	Deye,Growatt,Sunsynk,Luxpower,ESENER,Victron,SMA,Voltronic...etc.		

* Due to continuous product improvements,
specifications are subject to change without further notice.

All products are manufactured
to the following standards:



ESENER

**ADVANCED ENERGY
STORAGE SYSTEMS**



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