

ESENER

Power The World

Wall-mounted *Lithium battery*

51.2v5.12kwh

Power



1.0C

Discharging Rate



- Built in charging and discharging circuit breaker
- Multiple brand inverter protocols can be selected on the screen

**ADVANCED ENERGY
STORAGE SYSTEMS**

**ESENER LITHIUM
51.2V 100Ah**



- Advanced BMS with current limiting function
- CAN Bus, fully integrates and communicates with leading Inverter brands(Deye, MEGAREVO , GOODWE, SRNE, GROWATT, Sofar solar, 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 over-temperature

ITEM	SPECIFICATION		
Model	ES-5.12KWH		
Rated Capacity (5HR)	100 Ah		
Voltage	51.2 V		
Discharge Cutoff Voltage	45V		
Equalized Charge Voltage	57.6 V		
Max. Continuous Charging Current	100 A		
Max. Continuous Discharging Current	100 A		
C Rating	1.0 C		
Weight	Approx. 45 ± 0.5 Kg		
Display	LCD		
Parallel	Parallel connection up to 15 packs with full communications		
Dimensions (WxDxH) mm	470mm x 580mm x 180mm		
Ports	1x CAN-bus, 1x RS-485 Battery Link ports, 2x Parallel Instructionports		
Cells	New Li-ion Prismatic cells		
Warranty	5 Years		
Design Life	+/- 15 Years		
Cycle Life @ 0.5C	Above 6000 cycles @25°C 0.5c 80% DOD		
Certification	CE, UN38.3,IEC,MSDS		
Outer Package Material	White bake lacquer steel case		
Operating Temperature	Charging: 0 to +55 ° C	Discharging: -20 to +55° C	Storage: - 10 to +50 ° C
Protection	Electronic Circuit Breaker, BMS Voltage Protection, Current Limiting		
Compatible Inverter	Deye, Sunsynk , GOODWE, SRNE, GROWATT, Luxpower, SMA...etc.		

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

All products are manufactured to the following standards:



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ES-5.12KWH