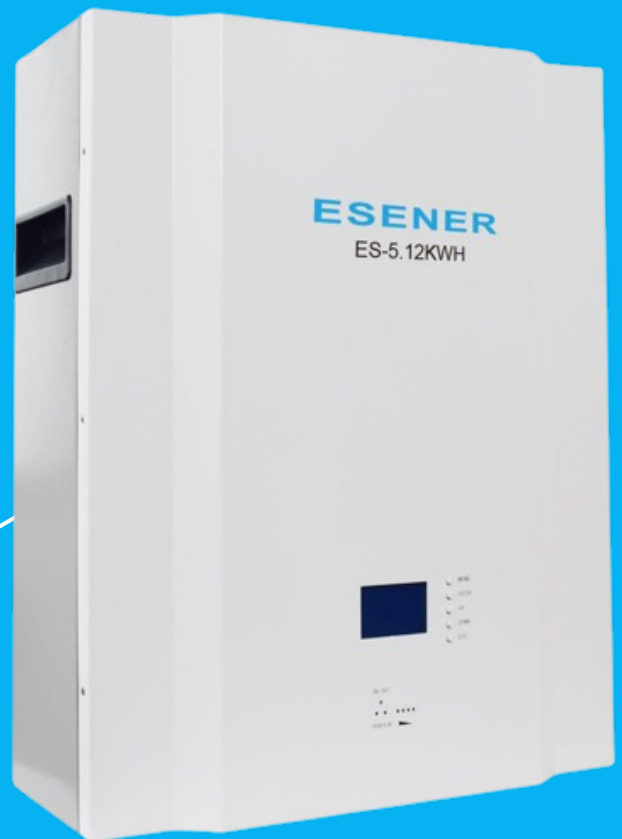# ES-5.12KWH

ESENER

With the lithium battery App, customers can use the computer to view all the internal states of the battery at any time, including the performance parameters of each cell. Customers can also use the App to quickly view the causes of battery failure and quickly find out the failure points at any time

ADVANCED ENERGY STORAGE SYSTEMS

ESENER
ES-5.12KWH

**ESENER LITHIUM
51.2V 100AH**

ESENER
ES-5.12KWH

* Advanced BMS with current limiting factor
* 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 to the wall
* Built in protection for over-charge, over-discharge & over-temperature

ITEM	SPECIFICATIONS
Model	ES-5.12KWH
Rated Capacity (5HR)	110Ah
Voltage	51.2V
Discharge Cutoff Voltage	40.0V
Equalized Charge Voltage	58.4V
Max. Continuous Charging Current	100A
Max. Continuous Discharging Current	100A
C Rating	1.0C
Weight	46kg
Display	LCD
Parallel	Parallel connection up to 15 packs with full communications
Dimensions (WxDxH)mm	505mm x 162mm x 543mm
Ports	1x CAN Bus, 1x RS-485 Battery Link ports, 2x Parallel Instruction Ports
Cells	New Li-Ion Prismatic Cells
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	0 to 50°C, Discharging: -10 to 50°C, Storage: -10 to 50°C
Protection	Electronic Circuit Breaker, BMS Voltage Protection, Current Limiting

* Due to continuous poduct improvements,
   specificaations e subject to changnge without further notice

ESENER