

# ESENER

Power The World

## Patent Product

# Multifunctional wall-mounted

## Lithium battery

- 12v output
- 5v usb output
- 220v output

25.6v2.56kwh

Power



1.0C

Discharging Rate



### ESENER LITHIUM ES25.6V100Ah

- Advanced BMS with current limiting function
- 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-2.56KWh		
Rated Capacity(5HR)	100Ah		
Voltage	25.6V		
Discharge Cut off Voltage	23V		
Equalized Charge Voltage	29.2V		
Max.Continuous Charging Current	100A		
Max.Continuous Discharging Current	100A		
C Rating	1C		
Weigth	Approx. 24.5Kg		
Display	LED		
Parallel	Support in parallel & series connection(Max 2s2p)		
Dimensions(W*D*H)mm	442*400*143mm		
Ports	2x parallel instruction ports		
Cells	New Li-ion cylindrical cells		
Warranty	3 Years		
Design Life	+/-15 Years		
Cycle Life @ 1C	+/- 5000 Cycles @ 80% DOD		
Certification	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		

**5V USB :50\*36.8\*28mm/ 5V 1A/2.1A**

**12V Cigarette Lighter Output Port: 55\*36.8\*28mm 12v2-8A**

**12V Light Output Port: DC2.1mm 12v 120w/10A**

**220V Output Port:300w**

**External charging methods: 24v Inverter /24v lithium battery charger/24v solar charge controller**

**Power supply capacity: TV (40w) —64 hours/WIFI (4w) —640 hours**

**Light (10w) 256 hours/ Phone—8520 hours**



All products are manufactured to the following standards:



# ESENER

**ES-2.56KWh**