Lithium Ion Phosphate - Battery

7 KWh / 8 KWh / 10 KWh / 14 KWh / 16 KWh

SUNPAC™

TRUE GREEN ENERGY

Pictures for Batteries could vary from actual Product

POWERPACK

Introducing the Ion phosphate-lithium power battery, the ultimate solution for your energy needs.
This battery offers:

1- A long warranty period of 5 years, giving you peace of mind and security.

2- A higher energy density and a smaller volume, making it ideal for household use and saving you space and money.

3- A parallel connection feature that allows you to expand the capacity of your battery as you wish, without compromising its performance or safety.

4- A perfect compatibility with your household photovoltaic system, enabling you to harness the power of the sun and reduce your carbon footprint.

5- A built-in BMS that monitors the battery's operation and prevents it from operating outside design limitations, ensuring its reliability and durability.

6- A fast-charging capability that allows you to recharge your battery giving you more flexibility and convenience.

7- A touch screen that displays graphs and data as well as alarms of the battery, giving you more control and visibility over your battery's status and performance.

8- Two dry contacts, one for remote starting the diesel generator in case the battery is empty and one for any alarm indicator such as led light or siren, giving you more backup and safety options

Specifications	7 KWh	8 KWh	10 KWh	14 KWh	16 KWh
Rated Capacity	7.17 Kwh	8.03 Kwh	10.24 Kwh	14.33 Kwh	16.07 Kwh
Battery Voltage	25.6	25.6	51.2	51.2	51.2
Configuration	8S280	8S314	2P16S100	16S280	16S314
Max charging/discharging current	90	210	140	140	210
Operating temperature	-20 °C to 55 °C				
Charging temperature range	0 °C to 55 °C				
Battery Cell Technology	Lithium Ion Phosphate Battery (LiFePO4)				
Application	On-Grid / Off-Grid				
Communication	CAN/RS485/RS232				
Life Cycle	≥6000 Cycle @ 80% DOD				
Dimensions (W x H x D)	445 x 420 x 300	400 x 242 x 453	455 x 940 x 220	750 x 440 x 300	440.7 x 850 x 280
Weight	59 Kg	61 Kg	90 Kg	110 Kg	117 Kg

GHADDAR ALTERNATIVE ENERGY

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