

LITHIUM ION LiFePO4 Battery

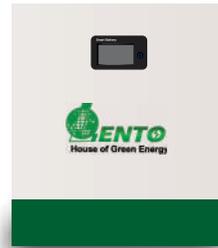
AVAILABLE BATTERY MODELS

100AH 12.8V 10 Year warranty LiFePO4 Original BFD Cells	200AH 12.8V 10 Year warranty LiFePO4 Original BFD Cells	100AH 25.6V 10 Year warranty LiFePO4 Original BFD Cells	200AH 25.6V 10 Year warranty LiFePO4 Original BFD Cells	100AH 51.2V 10 Year warranty LiFePO4 Original BFD Cells	200AH 51.2V 15 Year warranty LiFePO4 Original BFD Cells	300AH 51.2V 15 Year warranty LiFePO4 Original BFD Cells
--	--	--	--	--	--	--

CONNECT UPTO 16 or 64 BATTERIES IN PARALLEL



- 3.6" LCD SCREEN**
- 51.2V SYSTEM VOLTAGE**
- 100A DISCHARGE**
- WIRELESS CONNECTIVITY THROUGH APP**
- WALL MOUNTED**
- FLOOR STANDING**



Model Name		LiFePo4 100AH 12.8V	LiFePo4 200AH 12.8V	LiFePo4 100AH 25.6V	LiFePo4 200AH 25.6V	LiFePo4 100AH 51.2V	LiFePo4 200AH 51.2V	LiFePo4 300AH 51.2V
BATTERY PARAMETERS								
Battery Chemistry		LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Voltage	Volt	12.8V	12.8V	25.6V	25.6V	51.2V	51.2V	51.2V
Capacity	Nominal @ 25 °C ± 0.2 °C	100	200	100	200	100	200	300
Energy	kWh	1280 kWh	2560 kWh	2560 kWh	5120 kWh	5120 kWh	10240 kWh	15360 kWh
Module Weight	(Kg)	14 ± 0.5	26 ± 0.5	26 ± 0.5	49 ± 0.5	49 ± 0.5	93 ± 0.5	152 ± 0.5
Dimensions (W x D x H)	(mm)	338x191x284	404x191x454	404x191x454	640x420x157	640x420x157	748x450x279	748x450x279
Cell Serial Number (pcs)		4	8	8	16	16	16	16
OPERATING PARAMETERS								
Voltage Range	(Volt)	14.4 ~ 11.0 ± 0.02	14.4 ~ 11.0 ± 0.02	28.8 ~ 22.0 ± 0.04	28.8 ~ 22.0 ± 0.04	57.6 ~ 44 ± 1.0	57.6 ~ 44 ± 1.0	57.6 ~ 44 ± 1.0
Charging Voltage	(Volt)	14.4±0.2V	14.4±0.2V	28.8±0.4V	28.8±0.4V	57.6V	57.6V	57.6V
Charging Current	(A)	30, Max : 50A	50, Max : 80A	30, Max : 50A	50, Max : 80A	50, Max : 80A	50, Max : 80A	100A Max
Discharging Voltage	(Volt)	11.0±0.2V	11.0±0.2V	22.0±0.5V	22.0±0.5V	44 ± 0.5V	44 ± 0.5V	44 ± 0.5V
Discharging Current	(A)	50, Max : 100A	80, Max : 100A	50, Max : 100A	80, Max : 100A	100A	100, Max : 150A	200A
Peak Discharge (25°C)	(°C)	150°C	300°C	150°C	300°C	300, 3°C	600, 3°C	600, 3°C
Recommended Depth of Discharge		80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%
Display		LED/LCD (Options)	LED/LCD (Options)	LED/LCD (Options)	LED/LCD (Options)	3.6 inch LCD Display, Set Protocol on LCD; 4 LEDs for SOC 1 LED for Run Status 1 LED for ALM	3.6 inch LCD Display, Set Protocol on LCD; 4 LEDs for SOC 1 LED for Run Status 1 LED for ALM	3.6 inch LCD Display, Set Protocol on LCD; 4 LEDs for SOC 1 LED for Run Status 1 LED for ALM
BATTERY MANAGEMENT SYSTEM								
BMS		Yes	Yes	Yes	Yes	Yes	Yes	Yes
Communication Port (can be customized)		No	No	Optional	Optional	Optional (CAN II RS485)	Optional (CAN II RS485)	Optional (CAN II RS485)
Scalability (Max. In 1 battery group)		No	No	No	No	Parallel Upto 16	Parallel Upto 16	Parallel Upto 16
GENERAL		IP55	IP55	IP55	IP55	IP55	IP55	IP55
Design Life	Service Life @ 25 °C	>10 Years	>15 Years	>15 Years				
Cycle Life	Service Life @ 25 °C	≥4000 @0.5C	≥4000 @0.5C	≥8000 @0.5C				

LENTO INDUSTRIES PVT. LTD.

Registered office : 05, Ground Floor, Plot No. 556,
School Block, Shakarpur Delhi-110092

Manufacturing Unit : A - 27, Sector-58, Noida, Gautam Buddha Nagar, Uttar Pradesh - 201301

Tel : +91 - 8527476197, Email : info@lentoindia.com