



# INNOVATING

Energy Storage Solutions

Compatible With All Inverters



## LITHIUM BATTERY BANK

(LiFePO4 - 12.8V-120V)

Certifications



Elegant | 10 Years Life | Maintenance-Free | Wall-Mountable

# STANDOUT FEATURES

- 1 Safe and reliable LiFePO4 batteries
- 2 Fast charging and Light weight
- 3 Lithium batteries with high energy density
- 4 State of Health Monitoring by Smart BMS
- 5 Wall-mountable & premium designs
- 6 Compatible with all Inverters
- 7 Lower maintenance & Lower long-term cost
- 8 BMS algorithms predict battery errors, preventing downtime
- 9 Remote monitoring of battery status With Smart BMS
- 10 Highly efficient & minimizing carbon emission
- 11 Plug n Play, easy to install and operate
- 12 Maintenance Port for service & Maintenance

\*Conditions Apply

## Electrent Lithium Battery Bank



# TECHNICAL SPECIFICATIONS



## Lithium Battery Bank LFP 100AH Series

Model Name		LFP100/12.8V	LFP100/25.6V	LFP100/51.2V	LFP100/96V	LFP100/120V
Battery Parameters	Capacity	100Ah	100Ah	100Ah	100Ah	100Ah
	Voltage	12.8V	25.6V	51.2V	96V	120V
	Watt Hour	1280WH	2560WH	5120WH	9600WH	12000WH
	Chemistry	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
	BMS Type	Hardware/Software	Hardware/Software	Hardware/Software	Software	Software
	BMS	100A	100A	100A	150A	150A
Backup Time* Bulb Load	400 Watts	3 Hours 12 Minutes	6 Hours 24 Minutes	-	-	-
	600 Watts	2 Hours 8 Minutes	4 Hours 16 Minutes	-	-	-
	2000 Watts	-	-	2 Hours 33 Minutes	4 Hours 50 Minutes	6 Hours
	4000 Watts	-	-	1 Hours 15 Minutes	2 Hours 20 Minutes	3 Hours
	6000 Watts	-	-	-	1 Hour 30 Minutes	2 Hours
Warranty		5 Years	5 Years	5 Years	5 Years	5 Years

\* Backup duration can be vary by up to 10 minutes

## Lithium Battery Bank LFP 200AH Series

Model Name		LFP200/12.8V	LFP200/25.6V	LFP200/51.2V	LFP200/96V	LFP200/120V
Battery Parameters	Capacity	200Ah	200Ah	200Ah	200Ah	200Ah
	Voltage	12.8V	25.6V	51.2V	96V	120V
	Watt Hour	2560WH	5120WH	10,240WH	19,200WH	24,000WH
	Chemistry	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
	BMS Type	Hardware/Software	Hardware/Software	Hardware/Software	Software	Software
	BMS	100A	100A	100A	150A	150A
Backup Time* Bulb Load	400 Watts	6 Hours 24 Minutes	12 Hours 48 Minutes	-	-	-
	600 Watts	4 Hours 16 Minutes	8 Hours 32 Minutes	-	-	-
	2000 Watts	-	-	5 Hours 6 Minutes	9 Hours 40 Minutes	12 Hours
	4000 Watts	-	-	2 Hours 30 Minutes	4 Hours 40 Minutes	6 Hours
	6000 Watts	-	-	-	3 Hours	4 Hours
Warranty		5 Years	5 Years	5 Years	5 Years	5 Years

\* Backup duration can be vary by up to 10 minutes

# LITHIUM BATTERY BANK (LiFePO4 - 12.8V-120V)

Wall-Mounted



Compatible With All Inverters



## UKIYO ENERGIES

**Corporate Office:** Plot 26/7 Industrial Area Phase 2, Chandigarh, 16002, India

**Registered Office:** 1st Floor, Halwasia Market, Near Kirorimal Mandir, Bhiwani, Haryana-127021, INDIA

**Manufacturing Unit:** Plot-2, Part-II, Shed No. F, Sector-21, Industrial Area, Bhiwani, Haryana-127021, INDIA

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