

# India's first lithium battery for home inverters and UPS.

- | Compact Size
- | Fast Charging Capability
- | Higher Backup
- | Longer Life
- | Low Maintenance



# UPS BATTERY

## Technical specification

SPECIFICATION		12V/100Ah	24V/100Ah
General	Chemistry of the cells	LFP	LFP
	Cell type (Cylindrical/Prismatic)	Prismatic	Cylindrical
	Cell Nominal Voltage/Ah	3.2V / 100Ah	3.2V / 100Ah
	Applications	UPS	UPS
Electrical Characteristics	Battery Nominal Voltage	12.8V	25.6V
	Battery Nominal Ah	100Ah	100Ah
	Total Capacity (kWh)	1.2kWh	2.4kWh
	Battery Module Configuration	4S 1P	8S 1P
	Nominal Charging Current	0.5C	0.5C
	Nominal Discharging Current	0.8C	0.8C
	BMS Type	Software	Software
	Communication Interface	NA	NA
	Minimum Voltage Cut-off	10±1V	20±1V
	Maximum Voltage Cut-off	14±1V	29±1V
Additional Characteristics	Energy Density	>100 Wh/kg	>100 Wh/kg
	Monitoring Parameter	Yes	Yes
Mechanical Characteristics	Module Parallel Operation	Yes	Yes
	Cabinet Type	454x350x115	454x350x180
	IP Rating	IP20	IP20
	Connector Type	Anderson	Anderson
	Cooling	Air Cooled	Air Cooled
	Weight	15.5 kg	25.5 kg
Battery Life	Operating Temp	-10 to 55°C(Average Ambient Temperature 35°C)	-10 to 55°C(Average Ambient Temperature 35°C)
	Cycle Life	>2000 @80% DOD	>2000 @80% DOD

\*Subject to change without prior intimation  
\*Batteries are customized as per application

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