

Residential Series



LifePo4 BATTERY (TB)



INV LFP 12007-TB

INV LFP 12012-TB

INV LFP 12018-TB

INV LFP 12080-TB

INV LFP 12100-TB

INV LFP 12150-TB

INV LFP 12200-TB

INV LFP 24100-TB

INV LFP 24200-TB

Key Features:

-  High Energy Density
-  Short Circuit Protection
-  Bluetooth Connectivity
-  Long Life Cycle

Model	INV LFP 12007-TB	INV LFP 12012-TB	INV LFP 12018-TB	INV LFP 12080-TB	INV LFP 12100-TB	INV LFP 12150-TB	INV LFP 12200-TB	INV LFP 24100-TB	INV LFP 24200-TB
Module Voltage	12.8V							25.6V	
Module Capacity	7AH	12AH	18AH	80AH	100AH	150AH	200AH	100AH	200AH
Module Charging Voltage	14.6V							29.2V	
Module Discharging Voltage	11.2V							22.4V	
Max. Charge Current	3.5A	6A	9A	40A	50A	75A	100A	50A	100A
Max. Charge Current	7A	12A	18A	80A	100A	150A	200A	100A	200A
Rated Output	89.6Wh	153.6Wh	230.4Wh	1024Wh	1280Wh	1920Wh	2560Wh	2560Wh	5120Wh
Operating Temperature	-50C to 650C								
Storage Temperature	25°C								
Module Cycles	<6000 CYCLES								
Protection Class	IP54								
Dimension (mm)	L149*H64*W100	L151*H99*W98	L235*H95*W175	L254*H208*W162	L330*H175*W215	L317*H220*W177.5	L495*H228*W241	L495*H215*W241	L495*H215*W266
Weight (Approx.)	1.2KG	1.9KG	3.2KG	10.5KG	10.6KG	16KG	20KG	20.8KG	38KG
Battery Protection	Short Circuit- Short Circuit The battery is to be short-circuited by connecting the positive and negative terminals of the battery with an external load of less than 100mΩ. The battery shall not rupture or catch fire. The temperature<150°C.								
	Over charge- Over charge The battery charged completely will be charged continuously for 8hrs with the external power supply of the limit voltage of 3.8V and the current of 1C5A. The battery shall not rupture or catch fire. The temperature<150°C.								
	Over Discharge- Over discharge After complete charge, the battery will be discharged to end voltage. Then connect with external load of 30Ω for 24hrs. The battery shall not rupture, smoke, catch fire.								
Battery Usage	Do not connect more than 4 battery in the series								
	Do not short circuit battery terminal								
	Do not open, disassemble, squeeze or strike the battery								
	Do not use unmatched charger or inverter for the battery								
	Keep away the battery from fire and water								
	Store the battery at room temp. in dry condition								