

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 (V)	12.8V							25.6V	
MODULE CAPACITY (AH)	7AH	12AH	18AH	80AH	100AH	150AH	200AH	100AH	200AH
MODULE CHARGING VOLTAGE	14.4V			14.6V				29.2V	
MODULE DISCHARGING VOLTAGE	10V							20V	
MAX. CHARGE CURRENT	3.5A	6A	9A	40A	50A	75A	100A	50A	100A
MAX. DISCHARGING CURRENT (IC)	7A	12A	18A	80A	100A	150A	200A	100A	200A
PEAK CURRENT (3 SEC-2C)	14A	24A	36A	160A	200A	300A	400A	200A	400A
RATED OUTPUT	89.6Wh	153.6Wh	230.4Wh	1024 Wh	1280 Wh	1920 Wh	2560 Wh	2560 Wh	5120 Wh
OPERATING TEMPERATURE	-5°C to 65°C								
STORAGE TEMPERATURE	25°C								
MODULE CYCLES	< 6000 CYCLES								
PROTECTION CLASS	IP54								
DIMENSION (mm)	L149*H64 *W100	L151*H99 *W98	L235*H9 5*W175	L254*H20 8*W162	L330*H17 5*W215	L317*H220 *W177.5	L495*H22 8*W241	L495*H21 5*W241	L495*H21 5*W266
WEIGHT(Approx.)	1.2KG	1.9KG	3.2KG	10.5KG	10.6KG	16KG	20KG	20.8KG	38KG
Battery Protection	<p>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.</p> <p>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.</p> <p>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.</p>								
Battery Usage	<ul style="list-style-type: none"> - 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 - Make sure the voltage different is within 0.5 volt when parallel - Store the battery at room temp. in dry condition 								