



Fuel Saving



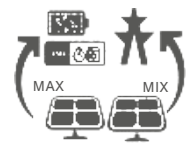
Off-grid



Back-up Power



Micro-grid



Self Consumption

Specifications

Model	TC-LFP4822	TC-LFP4850	TC-LFP48100	TC-LFP48155	TC-LFP48200
Rated Voltage [V]	48V	48V	48V	48V	48V
Rated Capacity [Ah]	22AH@0.2C	50AH@0.2C	100AH@0.2C	155AH@0.2C	200AH@0.2C
Total Energy [Wh]	1.06KWH	2.40KWH	4.80KWH	7.44KWH	9.60KWH
Inner Resistance [mΩ]	≤100mΩ	≤100mΩ	≤100mΩ	≤100mΩ	≤100mΩ
Charge Voltage [V]	54.75±0.2V	54.75±0.2V	54.75±0.2V	54.75±0.2V	54.75±0.2V
Max. Charge Current [A]	22A	50A	100A	100A	100A
Recommend Charge Current [A]	4.4~6.6A	10~15A	20~30A	20~30A	20~30A
Continuous Discharge current [A]	22A	50A	100A	100A	100A
Peak Discharge current [A]	44A(3S)	100A(3S)	200A(3S)	200A(3S)	200A(3S)
Dimensions [L*W*H, mm]	482*328Depth*88[2U]	482*360Depth*132[3U]	482*460Depth*177[4U]	482*465Depth*198[4U]	482*530Depth*215[5U]
Weight [kg]	18	33	45	65	85
Cycle	>4500 cycles				
IP Class	IP55 or IP65				
Charge Operating Temperature [°C]	0°C~45°C				
Discharge Operating Temperature [°C]	-20°C~60°C				
Relative Humidity	20%RH-80%RH				
Communication Port	RS485, RS232, CAN				
Certification	CE, IEC62619, UL1973, UN38.3, RoHS				

- Battery pack in parallel install process to system diagram for battery pack in parallel install process to system as below;

