

Model Number	LFP3250-LV512100 High Power	LFP3250-LV512100SP Standard Power	LFP3250-LV480100 High Power	LFP3250-LV480100SP Standard Power
PERFORMANCE SPECIFICATIONS				
Nominal Voltage	51.2V		48V	
Nominal Capacity	100Ah		100Ah	
Energy (at 100%DOD)	5.12 kWh		4.8 kWh	
Chemistry	LiFePO4			
Cell	Prismatic			
Scalability (Max Parallel)	62	62	62	62
Internal Resistance	≤7mΩ			
Cycle Life*	6,000 at 70% Retained Capacity (80% DOD @ 0.5C)			
Self Discharge Rate	< 1% per month			
Efficiency of Charge	100%			
Efficiency of Discharge	> 98%			
DISCHARGE SPECIFICATIONS				
Max Continuous Current	2C = 200A (10.2kW)	1C = 100A (5.12kW)	2C = 200A (9.6kW)	1C = 100A (4.8kW)
Recommended Cut-off Voltage	48V		45V	
Under Voltage (Recovery)	45V (>48V)		42V (>45V)	
CHARGE SPECIFICATIONS				
Max Continuous Current	1C = 100A (5.12kW)	0.5C = 50A (2.5kW)	1C = 100A (4.8kW)	0.5C = 50A (2.4kW)
Rec. Charge (Bulk / Absorb / Float)	56.8V / 56.8V / 56V		53.25V / 53.25V / 52.5V	
Equalization (60 min every 7 days)	55V		51.6V	
Over Voltage (Recovery)	58.4V (<54V)		54.75V (<51V)	
MECHANICAL SPECIFICATIONS				
Case	19" 4U Stainless Steel			
Protection Rating	IP20			
Dimensions (W x D x H)	19 x 24 x 6.3 in. 482 x 610 x 160 mm	19 x 20 x 6.3 in. 482 x 525 x 160 mm	19 x 24 x 6.3 in. 482 x 610 x 160 mm	19 x 20 x 6.3 in. 482 x 525 x 160 mm
Weight	± 116 lbs (52.6 kg)	± 108 lbs (49 kg)	± 116 lbs (52.6 kg)	± 108 lbs (49 kg)
ENVIRONMENTAL SPECIFICATIONS				
Oper. Temp.	-10°C to 60°C (14°F to 140°F)			
Warranty	15 Year Limited			
Certifications	UL-1973, CE, IEC62619 & CB, KC BIS			
Shipping	UN3480, Class 9, UN38.3			

*Cycle Life: All battery cycle life is impacted by numerous factors including temperature, depth of discharge (DOD), charge/discharge current and frequency of cycling.



Model Number	LFP3250-LV256200 High Power	LFP3250-LV256200SP Standard Power	LFP3250-LV128400
PERFORMANCE SPECIFICATIONS			
Nominal Voltage	25.6V		12.8V
Nominal Capacity	200Ah		400Ah
Energy (at 100%DOD)	5.12 kWh		
Chemistry	LiFePO4		
Cell	Prismatic		
Scalability (Max Parallel)	62	62	16
Internal Resistance	≤7mΩ		
Cycle Life*	6,000 at 70% Retained Capacity (80%DOD @ 0.5C)		
Self Discharge Rate	<1% per month		
Efficiency of Charge	100%		
Efficiency of Discharge	>98%		
DISCHARGE SPECIFICATIONS			
Max Continuous Current	1C = 200A (5.12kW)	0.5C = 100A (2.56 kW)	0.5C = 200A (2.56 kW)
Recommended Cut-off Voltage	24V		12V
Under Voltage (Recovery)	22.5V (>24V)		11.25V (>12V)
CHARGE SPECIFICATIONS			
Max Continuous Current	0.5C = 100A (2.56kW)	0.25C = 50A (1.28kW)	0.25C = 100A (1.28 kW)
Rec. Charge (Bulk / Absorb / Float)	28.4V / 28.4V / 28V		14.2V / 14.2V / 14V
Equalization (60 min every 7 days)	27.5V		13.75V
Over Voltage (Recovery)	29.2V (<27V)		14.6V (<13.5V)
MECHANICAL SPECIFICATIONS			
Case	19" 4U Stainless Steel		
Protection Rating	IP20		
Dimensions (W x D x H)	19 x 24 x 6.3 in. 482 x 610 x 160 mm	19 x 20 x 6.3 in. 482 x 525 x 160 mm	19 x 24 x 6.3 in. 482 x 610 x 160 mm
Weight	±116 lbs (52.6 kg)	±108 lbs (49 kg)	±116 lbs (52.6 kg)
ENVIRONMENTAL SPECIFICATIONS			
Oper. Temp.	-10°C to 60°C (14°F to 140°F)		
Warranty	15 Year Limited		
Certifications	UL-1973, CE, IEC62619 & CB, KC BIS		
Shipping	UN3480, Class 9, UN38.3		

*Cycle Life: All battery cycle life is impacted by numerous factors including temperature, depth of discharge (DOD), charge/discharge current and frequency of cycling.

