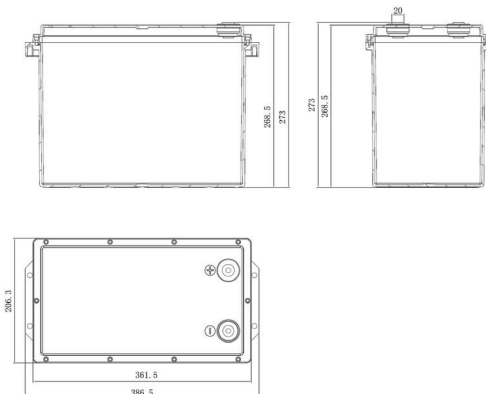


Lithium Iron Phosphate (LiFePO4) Battery

LFP12.8V300AH-ESC		300AH	3840Wh	
Physical Dimension				
				
Model	LFP12. 8V300AH-ESC			
Nominal Voltage	12. 8V			
Nominal Capacity	300Ah			
Energy Capacity	3. 84kWh			
Cell Specifications	LiFePO4			
Cell Configuration	4S1P			
Charging Cut-off Voltage	14. 6V			
Discharging Cut-off Voltage	10. 8V			
Max Charge Current	200A			
Max Discharge Current	200A			
BMS	Over-voltage, Low-voltage, Temperature control, Overload and short circuit protection, Surge protection			
Cycle Life (95%DOD)	>3000 Cycles			
Warranty	5 years			
Other Function (Optional)	Bluetooth/Supports up to 4 series and 4 parallel connections			
Shell Material	ABS Plastic			
Dimension (W/D/H)	386 x 206 x 273mm			
Net Weight	26kg			
Operating Temperature	Charging temperature 0℃ ~60℃ Discharging temperature -20℃ ~60℃			
Storage Humidity	5%~85%			
Altitude	<4000m			
Transportation	UN38. 3			
Water Dust Resistance	IP67			

POWER LITHIUM BATTERIES

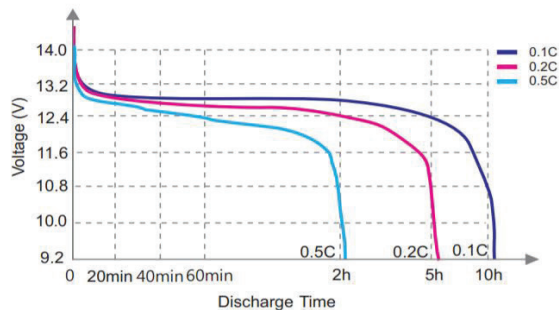
Lithium Iron Phosphate (LiFePO4) Battery

LFP12.8V300AH-ESC

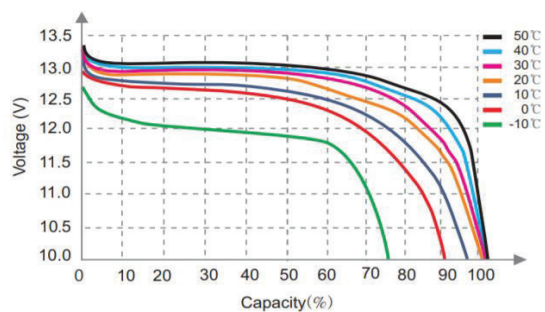
300AH

3840Wh

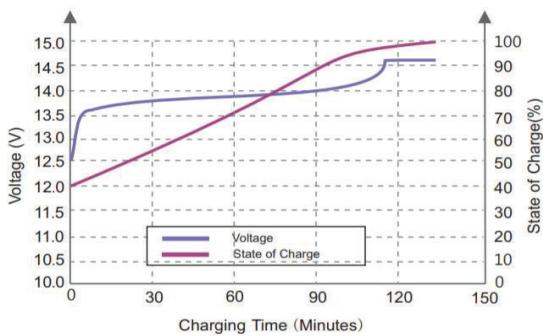
Different Rate Discharge Curve(25°C)



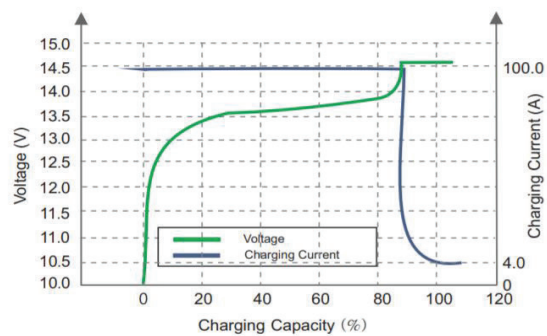
Different Temperature Discharge Curve(0.5C)



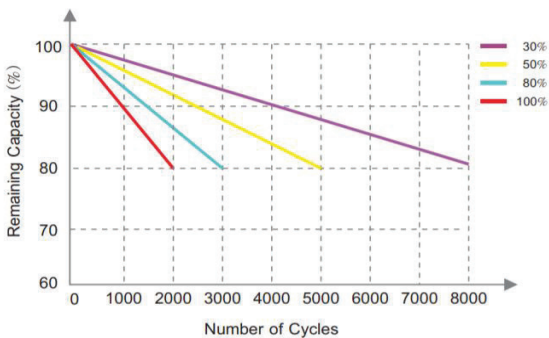
State of Charge Curve(0.5C, 25°C)



Charging Characteristics(0.5C, 25°C)



Different DOD Discharge Cycle Life Curve(0.5C)



Different Temperature Self Discharge Curve

