

51.2V500Ah LiFePO4 Battery for Energy Storage

Technical Parameters

No	Item		Parameters
1.Performance	Type		LiFePO4 battery
	Nominal voltage		51.2V
	Rated capacity		500Ah (0.2C/25°C) (Min:498Ah)
	Operating voltage range		42.0V~58.0V (Typical:51.2V)
	Charging voltage		58.0V±1.0V
	Discharge cut-off voltage		42.0V±2.0V
	Charging current(Max.)		100A
	Discharge current(Max.)		100A
	Dimensions	Length	585mm
		Width	360mm
		Height	908mm
2.Function	Weight		About 240.0kg
	Shell		Metal/White
	Parallel		Support
	Communication type		CAN/RS485
	Terminal stud		Quick connector
3.Working Condition	Alarm&potection		Over Voltage, Under Voltage, Over Current, Short Circuit etc.
	Cooling mode		Automatic cold and hot
	Altitude		≤4000m
	Humidity		15%~85%
	Operating temperature	Charge	0°C~50°C
		Dischage	-10°C~60°C
	Recommended operating temperature	Charge	15°C~40°C
		Dischage	15°C~40°C
		Storage	-20°C~45°C

Application Field : Electrocar, PV energy storage, Household energy storage etc.

Pictures

