

51.2V100Ah LiFePO4 Battery for Energy Storage

Technical Parameters

No	Item		Parameters
1.Performance	Type		LiFePO4 battery
	Nominal voltage		51.2V
	Rated capacity		100Ah (0.2C/25°C) (Min:96Ah)
	Operating voltage range		44V~58.4V (Typical51.2V)
	Charging voltage		58.4V
	Discharge cut-off voltage		44V
	Charging current(Max.)		50A
	Discharge current(Max.)		100A
	Dimensions	Length	500mm
		Width	520mm
		Height	145mm
2.Function	Weight		About 48kg
	Shell		Plastics/Black+White
	Series		Maximum support for 15 sets in parallel
	Parallel		Support
	Communication type		CAN/RS485
3.Working Condition	Terminal stud		M8
	Alarm&protection		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
		Discharge	-10°C~60°C
	Recommended operating temperature	Charge	15°C~40°C
		Discharge	15°C~40°C
		Storage	-20°C~45°C

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

Pictures

