

TiStar Smart BMS 12.8V 100Ah Lithium Battery



- Tested to IEC62619 Safety Standard (Whole Battery)
- Over 4000 cycles at 80% DOD
- Smart BMS with Bluetooth 4.0
- Lightweight, compact, and memory-free
- High performance under tough conditions
- Premium LiFePO4: No fire or explosion risk
- Ideal for RVs, marine, off-grid, and 4x4 setups



Electrical Characteristics	Voltage Nominal	12.8V 100Ah
	Max. Out Put Power	1920W (recommended to use 1500W inverter)
	Energy	1280 Wh
	Cycle Life	>4000 cycles @0.2C, 80% DOD, 25°C
Mechanical	Dimensions(L*W*H)	260*170*212mm (including terminals)
	Weight	9.5±1 kg
	Case Material	ABS
	Terminal Type	M8
Standard Charge	Parallel Connection	Allows up to 4 units
	Charge Voltage	14.6V ±0.2V
	Charge Mode	CCCV
	Recommended Charge Current	20 A
Standard Discharge	Max. Charge Current	100 A
	Charge Cut-off Voltage	14.6 V
	Continuous Discharge Current	150 A
	Max discharge current	240A (3S)
Environmental	Discharge Cut-off Voltage	10.0 V
	Charge Temperature	0°C to 60°C
	Discharge Temperature	-20°C to 65°C
	Storage Temperature	-5°C to 45°C
Features	Ingress Protection Rating	IP67
	Bluetooth	Bluetooth 4.0 (iOS & Android app)