


51.2V/180Ah Energy Storage Module Specification¹

Category	Item	Specifications
Module Parameter	Rated Voltage	51.2V
	Voltage Range	44.8-58.4V
	Rated Current (Ah)	180Ah
	Capacity (kWh)	9.216kWh
	Cycle Life (80% DOD, 25°C) ²	6000
	Standard Charge Current	90A
	Standard Discharge Current	90A
	Maximum Charge Current	180A
	Maximum Discharge Current	180A
	Charging Temperature Range	0-45°C
	Discharging Temperature Range	-20-45°C
	Communication Interface	CAN/RS485
	Size (L*W*H)	550*750*250mm
	Weight	90kg
Certification	UL1973 UN38.3	
Enclosure Level	IP20	
		

¹In the interests of continual product improvement, specifications are subject to change without notice. Please contact us for the latest specifications.

²Cycle life is defined as the ability to provide the specified rated power. Actual life may vary and will depend on factors such as (but not limited to):

- (i) operating temperature
- (ii) quality of maintenance of the system
- (iii) frequency of use
- (iv) time duration spent at different battery states.

