

Technical Specification Li-Ion Battery		
Parameters	Specified Value	
	SMARTEN 25.6V - 100Ah	SMARTEN 51.2V - 100Ah
Battery Capacity	100Ah	
Battery Nominal Voltage	25.6V ± 0.2V	51.2V ± 0.2V
Battery High cut Voltage	29.2V ± 0.2V	58.4V ± 0.2V
Battery Low Cut Voltage	20V ± 0.2V	41V ± 0.2V
Standard Charging Current	20Amp. ± 0.5Amp.	
Allowed Maximum Charging Current	100Amp. ± 1.0Amp.	
Allowed Maximum Discharging Current	100Amp. ± 1.0Amp.	
Standard Charge	CV-CC	
Over Current Protection	150Amp-60Sec	
Battery Cell	8S	16S
Over Charging Voltage Protection (OVP)	3.65V ± 25mV	3.6V ± 25mV
Over Charging Voltage Protection Release (OVPR)	3.55V ± 50mV	3.55V ± 50mV
Over Discharge Voltage Protection (UVP)	2.50V ± 80mV	2.65V ± 80mV
Over Discharge Voltage Protection Release (UVPR)	2.90V ± 100mV	2.90V ± 100mV
Communication Function	RS232 and RS485	
Short Circuit Current Protection	660A	
Operating Temperature	0 to 60	