

energia

POWER WITH INTELLIGENCE

12.8V - 240V/100Ah

LITHIUM-ION BATTERY



**BLUETOOTH
CONNECTIVITY***



**EXTENDED
LIFESPAN**



**LOW SELF
DISCHARGE**



**LONG LIFE
CYCLE**



**ACTIVE
BALANCING***



**ECO
FRIENDLY**

TECHNICAL SPECIFICATION LI-ION BATTERY

Parameters	Specified Value		
	SMARTEN 12.8V - 100Ah	SMARTEN 25.6V - 100Ah	SMARTEN 51.2V - 100Ah
Battery Capacity	100Ah		
Battery Nominal Voltage	12.8V ± 0.2V	25.6V ± 0.2V	51.2V ± 0.2V
Battery High cut Voltage	14.4V ± 0.2V	28.8V ± 0.2V	57.6V ± 0.2V
Battery Low Cut Voltage	10.4V ± 0.2V	20.8V ± 0.2V	41.5V ± 0.2V
Standard Charging Current	50Amp. ± 0.5Amp.		
Allowed Maximum Charging Current	70Amp. ± 1.0Amp.		
Allowed Maximum Discharging Current	80Amp. ± 1.0Amp.		
Standard Charge	CV-CC		
Over Current Protection	150Amp-60Sec		
Battery Cell	4S	8S	16S
Over Voltage Protection (OVP)	3.65V ± 25mV		
Over Voltage Protection Release (OVPR)	3.55V ± 50mV		
Under Voltage Protection (UVP)	2.60V ± 80mV		
Under Voltage Protection Release (UVPR)	2.90V ± 100mV		
Short Circuit Current Protection	660A		
Operating Temperature	0 to 60		

*Selected models only