

# SonX Lithium Batteries



## Mobile Range

Ideally suited for:  
RV / Marine / Small UPS and Off-Grid systems



App Monitoring



## Specifications and Features

Model	SX-LFP12.8V100Ah	SX-LFP12.8V200Ah	SX-LFP25.6V100Ah
Nominal Voltage	12.8V	12.8V	25.6V
Nominal Capacity	100Ah	200Ah	100Ah
Total Energy	1.28kWh	2.56kWh	2.56kWh
Max Charge Current*	50A	100A	50A
Max Charge Voltage	14.2V	14.2V	28.4V
Constant Discharge Current	75A	150A	75A
Max Discharge Current*	100A@10seconds	200A@10seconds	100A@10seconds
Cut-off Voltage / SOC	11.4V / 10%	11.4V / 10%	22.8V / 10%
Operating Temperature	Charge: 0 ~ 45°C Discharge: -10 ~ 50°C	Charge: 0 ~ 45°C Discharge: -10 ~ 50°C	Charge: 0 ~ 45°C Discharge: -10 ~ 50°C
Protection	Over Charge / Over Discharge Over Temperature / Low Temperature Over Current / Short Circuit	Over Charge / Over Discharge Over Temperature / Low Temperature Over Current / Short Circuit	Over Charge / Over Discharge Over Temperature / Low Temperature Over Current / Short Circuit
Communication Port	CAN	CAN	CAN
LED Indicator and Button	ON/OFF, RUN, SOC, ALARM	ON/OFF, RUN, SOC, ALARM	ON/OFF, RUN, SOC, ALARM
Parallel Connection	4pcs	4pcs	4pcs
Series Connection	N/A	N/A	N/A
Operating Humidity	0-95% RH (Non-Condensing)	0-95% RH (Non-Condensing)	0-95% RH (Non-Condensing)
IP Class	IP30	IP30	IP30
Monitoring	Bluetooth App	Bluetooth App	Bluetooth App
Cycle Life	>2500 cycles @ 80% DOD @ 25°C 0.25C Charge / 0.5C Discharge	>2500 cycles @ 80% DOD @ 25°C 0.25C Charge / 0.5C Discharge	>2500 cycles @ 80% DOD @ 25°C 0.25C Charge / 0.5C Discharge
Warranty*	3years	3years	3years
Dimensions (WxDxH)	330x172x214mm	522x240x219mm	522x240x219mm
Weight	11kg	22kg	22kg

\*Systems with communication / 2year warranty when used without communication

