

Rechargeable Lithium Battery

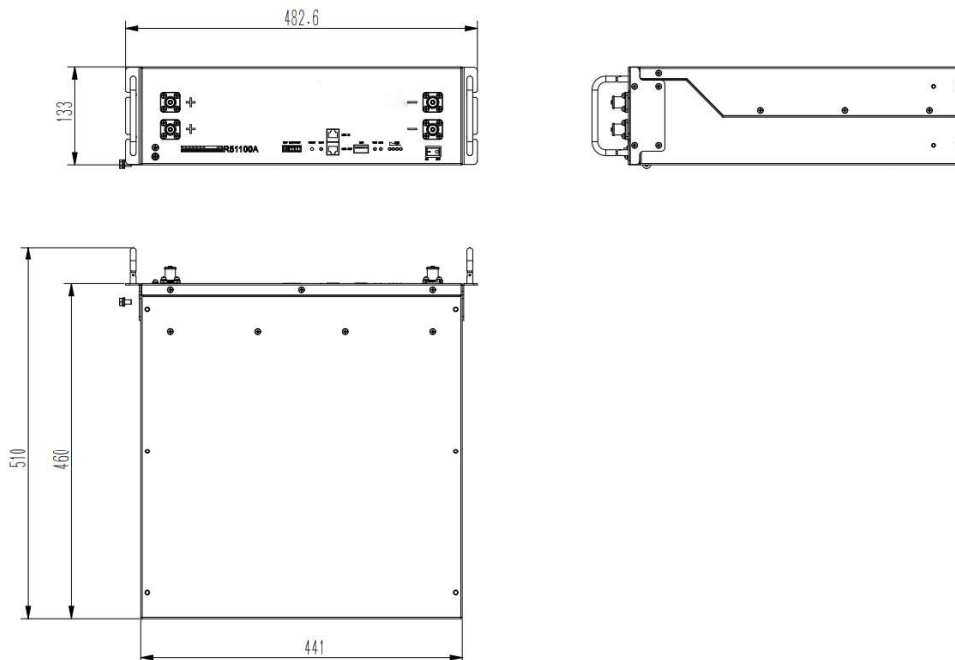
Operation and Maintenance manual

RS-R51100A



3.3 Specification

3.3.1 Dimension



3.3.2 Parameters

Items	RS-R51100A	
Rated voltage	51.2V	
Max. voltage range	44.8~57.6V, Shipping voltage>51.2V	
Charge voltage	56.0V	
Float charge voltage	54.6V	
Nominal energy@0.2C	5.12KWh	
Usable energy@0.2C	4.92kWh	
Nominal capacity@0.2C	100Ah	
Dimension	482*133.5*460mm (18.9*5.2*18.1 inch)	
Weight	~46kg (101lb)	
Standard charge current	≤50A	
Max. charge current	70A	
Standard discharge current	≤50A	
Max. discharge current	100A (initial temp. ≤30℃)	
Peak discharge current	101~119A@5mins 120~200A@15S	
Communication	RS485 /CAN	
Max parallel number	32 pcs	
Operation temperature 1	Charge: -5~50℃ Discharge:-10~50℃	
Storage temperature @off mode	0℃<T<30℃	<6 months
	-10℃<T<45℃	<3 months
	Recommended environment	15~35℃, 5~75%RH