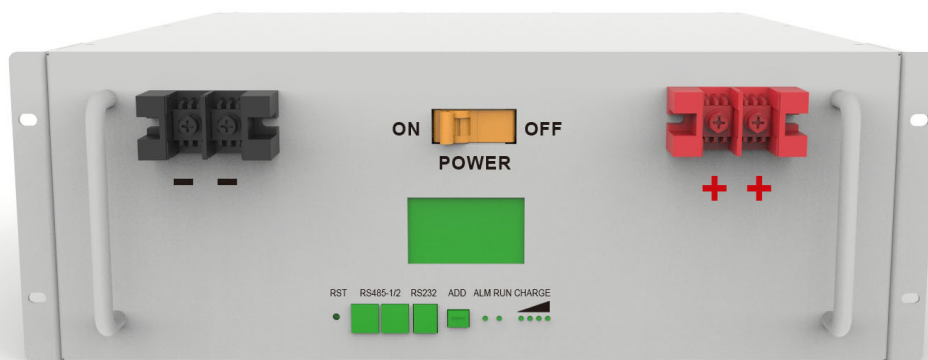


SOLID-STATE BATTERY

TECHNICAL DATA SHEET

Part Number: QT51.2V10KWh-E | Version Date: April 2023



.Scope

This specification is applied to solid-state battery pack manufactured by Shanghai SUPRO Energy Tech Co.,Ltd.

1. Ratings

Part Number		QT51.2V10KWH-E	Remark
Nominal Capacity		210Ah	±5% @25℃
Nominal Voltage		51.2V	---
Nominal Energy		10.75kwh	---
Upper voltage		57.6V	
Low voltage		41.6V	
Pack resistance		< 50 mΩ	@ 1KHz AC, 50% SOC
Continuous Charge		100A	
Continuous Discharge		100A	
Peak dis current		120A	: @50%soc , 10s
Weight		112kg	
Projected Cycle Life (25℃)		10000 times	
Warranty		10 years	
Self-discharge Rate		2% per month	
Cooling		Natural cooling	
Case material		Steel case	
Storage Temperature		-20℃~40 ℃	SOC>30%, one full charge needed per two months
Storage Humidity		25% ~ 95%RH	---
Operating Temperature	Discharge	"-30 ℃~60 ℃	---
	Charge	0 ℃~55 ℃	---
Dimension (mm)		730*880*140	

This technical data sheet may change without notice and at the sole discretion of SUPRO Energy.

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