

# TECHNICAL SHEET

## RACK MOUNT 10KW

### 51.2V 200AH



## ELECTRICAL SPECIFICATIONS

Voltage	51.2 volt
Capacity	200 Ah
Capacity @ 20A	600 min
Energy	10 240 Wh
Auto-discharge	<1% per month
Maximum unit in series	Contact us
Maximum unit in parallel	16 (per bank) x 5 banks

## CHARGE SPECIFICATIONS

Recommended Charge Current	100 A
Maximum Charge Current	125 A
Recommended Charge Voltage	56 V (Bulk) 54.4 V (Float)

## DISCHARGE SPECIFICATIONS

Continuous discharge current	125 A
BMS - Discharge disconnect voltage	43.2 V
BMS - Discharge reconnection voltage	48 V
Short circuit protection	Yes

## TEMPERATURE SPECIFICATIONS

Discharge temperature	From -20 to 65°C
Charging temperature	From 0 to 45°C

## STORAGE SPECIFICATIONS

Storage temperature	From -20 to 45°C
Storage voltage	From 52.4V to 53.6V

## COMMUNICATIONS SPECIFICATIONS

Bluetooth	No
Communication ports	2x RS485   2x Batt. Com.   1x CAN
LCD screen	No
Volthium CAN Hub Communication (VE.CAN)	Compatible

## HEATING SPECIFICATIONS (OPTIONAL)

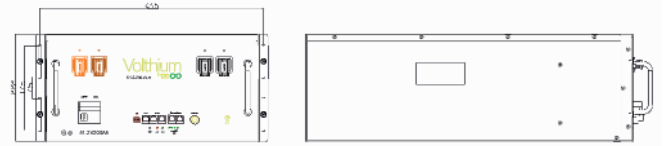
Activation temperature	From -30 to 11 °C
Activation current	8 A
Heating current	5.5 A
System activation mode	Automatic + Manual (Dual)

## NUMBER OF CYCLES ACCORDING TO THE AVERAGE DISCHARGE % OF USE

30% discharge	8200 < cycles
80% discharge	6000 < cycles
100% discharge	3500 < cycles

## MECHANICAL SPECIFICATIONS

Dimensions	465 X 680 X 222 mm 19 X 27 X 8.74 po
Group / format	5U
Weight	94kg / 208 lbs
Terminal Type	M8 OR Surlok (SLPPB35BNO)
Tightening torque on terminals	8~10nm / 6-8 ft/lb



## CERTIFICATIONS & DESIGN

Design	16S2P
Certifications	Full Pack Assembly CSA UL1973 3rd Edition   Cells UL1973 & CSA UL9540A   IEC62619   IEC62660  Breaker UL1077@CSAC22.2 No. 235-04   Terminal UL1977
Shipping Classification	UN 3480   CLASS 9
Cell type	SquareCell - LiFePO4

