

ABS 8D

25.6V 200Ah

Technical Specifications

TEMPERATURE SPECIFICATIONS

Charge Temperature	0° à 45 °C
High Disconnect Temperature / Reconnection In Charge (BMS)	65 °C / 60 °C
Low Disconnect Temperature / Reconnection In charge (BMS)	-0 °C / 3 °C
Discharge Temperature	-25 à 60 °C
High Disconnect Temperature / Reconnection In discharge (BMS)	65 °C / 60 °C
Low Disconnect Temperature / Reconnection In Discharge (BMS)	-20 °C / -15 °C
Storage Temperature	-10 à 50 °C
Voltage Storage	> 26.5 V

DISCHARGE SPECIFICATIONS

Continuous Discharge Current	150 A
Peak Discharge Current 1	200 A (30s)
Peak Discharge Current 2	300 A (1s)
Low Voltage Disconnect (BMS)	20 V
Low Voltage Reconnect (BMS)	24 V

COMMUNICATIONS SPECS

Bluetooth	External Volthium Dongle require
Ports de communications	RS485
Écran LCD affichant voltage de la batterie	NO
Volthium CAN Hub Communication (VE.CAN)	Compatible
Volthium Bluetooth Dongle	Compatible

ELECTRICAL SPECIFICATIONS

Voltage	25.6 Volt
Capacity	200 A
Capacity @ 20A	600 min
Energy	5120 W
Auto-Discharge	<2% par Mois
Maximum Unit in Séries OR Parallel	2/4

CHARGE SPECIFICATIONS

Recommended Charge Current	40-80 A
Maximum Charge Current	150 A
Recommended Charge Voltage	28.8 - 29.2V (Bulk) 27.2V (Float)
High Voltage Disconnect (BMS)	30.8V (2s)
High Voltage Reconnect (BMS)	28.8V

NUMBER OF CYCLES ACCORDING TO THE DISCHARGE %

Discharge 80%	6000 cycles
Discharge 90%	4000 cycles
Discharge 100%	3000 cycles

State of Health of 83% after 3560 cycles at 100% DOD @ 1C

MECHANICAL SPECIFICATIONS

Dimensions (LxWxH)	520 x 268 x 244 mm 20.47 x 10.55 x 9.6 po
Weight	104 lbs
Terminal Type	M8

CERTIFICATIONS & CONCEPTION

Conception	8S2P
Certifications	CELLS : UL1642 UL1973 CSA UL9540A IEC62619 IEC62660
Shipping Classification	UN 3480 CLASS 9
Cell Type	SquareCell - LiFePO4 - 3.2V 102AH Grade A+

TECHNICAL SHEET

TECHNICAL SHEET 2

