TECHNICAL
SHEET

Série Industria Series

24V 150Ah
INDUSTRIA

Heat function

Bluetooth / Sefl Heating

TECHNICAL Specifications

CHARGE SPECIFICATIONS	
Recommended Charge Current	5 A - 50 A (25.6V - 30 A)
Maximum Charge Current	150 A
Recommended Charge Voltage	28.4 V - 29.2 V
High Voltage Disconnect	32.9 V
High Voltage Reconnect	32.7 V

TEMPERATURE SPECIFICATIONS	
Charge Temperature	0 to 45 °C
Discharge Temperature	-20 to 60 °C
High Disconnect Temperature	70 °C
High Reconnect Temperature	60 °C
Storage Temperature	-10 à 45 °C

HEATING SPECIFICATION	
Heating temperature	-30° à 11 °C
Activation Current	12 A
Heating Current	10 A



ELECTRICAL SPECIFICATIONS	
Voltage	25.6 volt
Capacity	150 Ah
Capacity @ 20A	450 min
Energy	3840 Wh
Auto-Discharge	<3% per Month
Maximum Unit in Series	1 (Single use)
Maximum Unit in Parallel	4

DISCHARGE SPECIFICATIONS	
Continuous Discharge Current	150 A
Peak Discharge Current	200 A (30s)
Disconnect Charge Current	300 A (1s)
Low Voltage Disconnect	20 V
Low Voltage Reconnect	24 V
Short Circuit Protection	yes

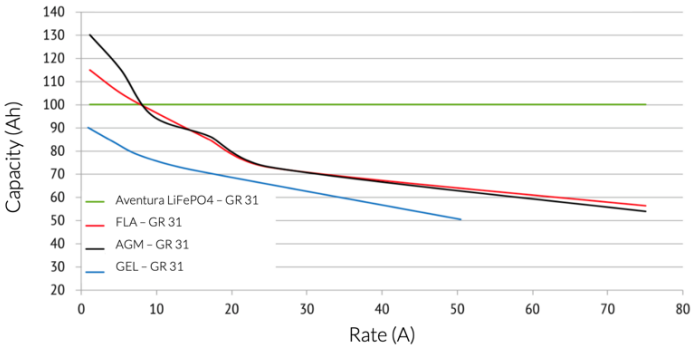
NUMBER OF CYCLES ACCORDING TO THE DISCHARGE %	
Discharge 30%	8200 cycles
Discharge 80%	4250 cycles
Discharge 100%	2500 cycles

MECHANICAL SPECIFICATIONS	
Dimensions (LxWxH)	Group 80 (20,47 x 10,59 x 8,66 in)
Weight	73 lbs
Terminal Type	M8
Ingress Protection Marking	IP65*

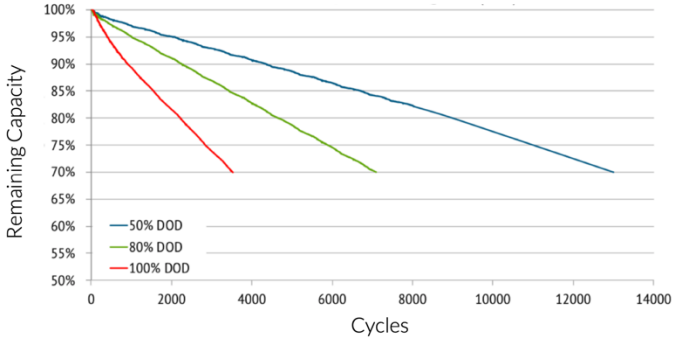
CERTIFICATIONS	
Certifications	CE | RoHs
Shipping Classification	UN 3480 | CLASS 9
Cell Type	SquareCell - LiFePO4

Série Industria Series

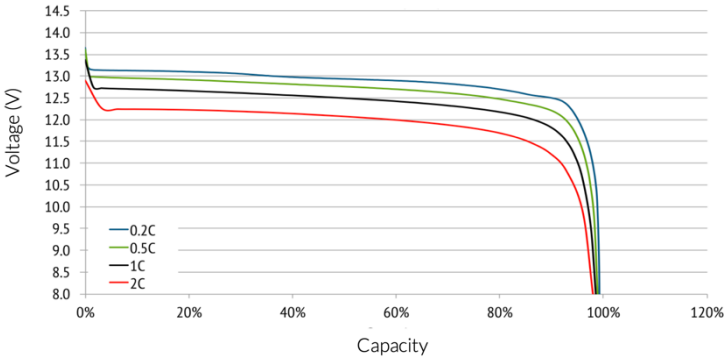
Aventura (LiFePO4) vs Lead Acid
At VARIOUS RATES OF DISCHARGE



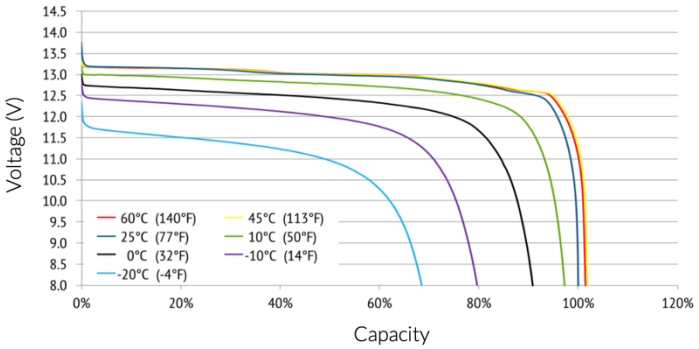
Cycle life vs depth of discharge (DOD)
Discharge 0.5C /Charge 0.5 @ 25°C (77°F)



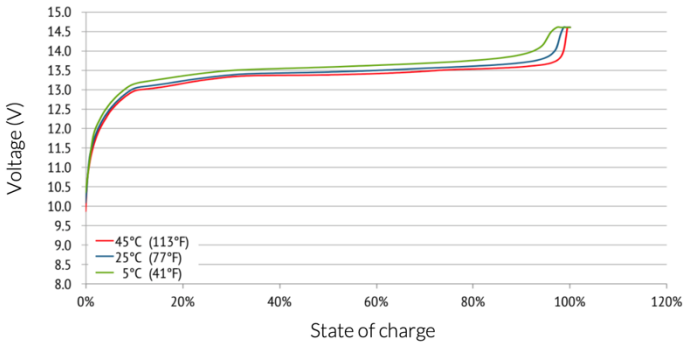
Discharge voltage characteristics at various RATES



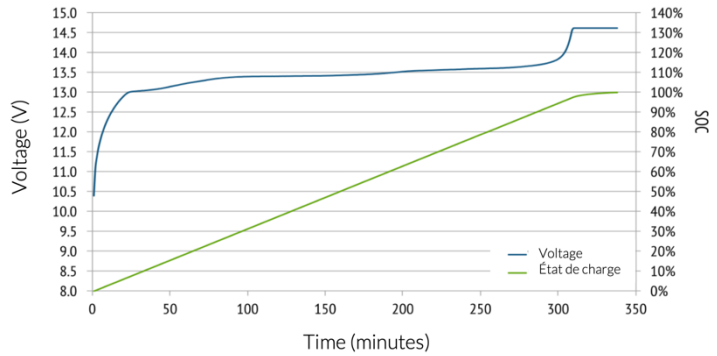
Discharge voltage characteristics at various TEMPERATURES



Charge voltage characteristics at various TEMPERATURE
charge 0.2C



Charge voltage and state of charge (SOC)
Charge 0.2C @ 25°C (77°F)



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Lithium