

48V | DATA SHEET

ELiT-4832-GC2

ENGINEERED for SIMPLICITY

- INTEGRATED BMS
- CANOpen, CZONE[®] & NMEA 2000[®]
- REMOTE START
- HIGH RELIABILITY
- EASY INTEGRATION
- ON SITE CONFIGURABLE
- MULTIFUNCTION LED DISPLAY
- EMBEDDED REDUNDANT PROTECTIONS





ELECTRICAL SPECIFICATIONS		
Nominal Voltage	51.2V	
Cell Chemistry	Lithium Iron Phosphate (LFP)	
Capacity	32 Ah	
Nominal Energy	1638 Wh	
Output Protection	Internal Electronic Switch	
Battery Management Systems	Embedded BMS	
Communication Protocol	CANOpen/CZone/N2K compatible	

MECHANICAL SPECIFICATIONS

260 x 180 x 277 mm (10.2 x 7.1 x 10.9 in)
GC2 or GC8
~15.5 kg (~34.0 lbs)
IP67
M8x15 mm stainless steel stud (LPT)
M12
Available
Up to 24
Not Allowed
Yes, Terminal protected

DISCHARGE SPECIFICATIONS	
Discharge Current	15A (0.5) Continuous 90A (3C) Maximum 150A (5C) Peak
Short Circuit Self-restoring	350A

COMPLIANCE SPECIFICATIONS

CHARGE SPECIFICATIONS		
Continuous Charge Current	15A (0.5C) Recommended 32A (1C) Maximum 64A (2C) Peak	
Charge Voltage	57V	

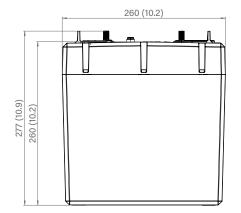
ENVIRONMENT & STORAGE SPECIFICATIONS

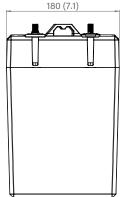
Operating Temperature	[0 to 55] °C on charge [-20 to 60] °C on discharge
Operating Humidity	[15% to 90%] RH
Storage Temperature	<3 months: [-20 to 45] °C <1 year: [-20 to 25] °C
Storage Humidity	[10% to 90%] RH
Shelf Life (Depends on environmental conditions and SOC)	Up to 20 months with SOC>70% Up to 6 months with SOC>5%

A PROTECTION

Low Voltage, Over Voltage, Max. Discharge Current, Max. Charge Current, Max. Temperature, Min. Temperature

Data is preliminary. Subject to change.





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