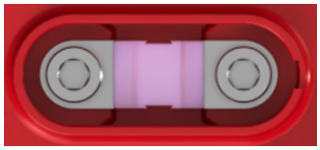
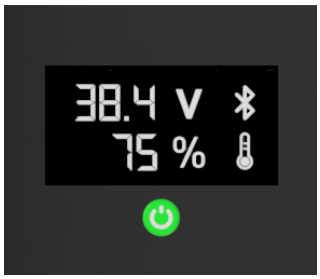
LIFEPO4 LITHIUM BATTERY

G36-95LFP









Series	G-SERIES LFP	Warranty	See Warranty Terms
Volts	36	Design	8D
Terminal Type		M8	
Included Hardware		M8 stainless bolts & washers	

Charge | Discharge

Charge Voltage Range	28.0 - 29.2V
Recommended End of Discharge Voltage	36.0 V
End of Discharge Protection Voltage	30.0 V
Recommended Charge Voltage	43.2 V
Recommended Charge Current	

0~10°C (32-50°F)	0.2C	19A
10~35°C (50-95°F)	0.5C	48A
35~50°C (95-122°F)	0.2C	19A

Charge Mode:
• Charge at recommend voltage & current by temperature until charge current drops to ≤ 0.05C (CC,CV)
• DO NOT USE TEMPERATURE COMPENSATION
• No BTS (Battery Temperature Sensor)

Max Continuous Charge Current	95 A
Max Continuous Discharge Current	95 A
Peak Discharge Current (10 min)	190 A
Charge Temperature Range	0°C~55°C (32~131°F)
Discharge Temperature Range	-20°~60°C (-4~140°F)
Storage Temperature Range	-5°~45°C (23~113°F)

Capacity

Nominal Capacity	95 AH
Total Energy	3.65 kWh
Nominal Voltage	38.4 V

Designed for Golf, Light EV & Motive Power Applications

Safety

- Cylindrical LiFePO4 cells [ITR26-70/40E 4.0Ah, 26700] (UL1642)
- IEC62133 (cell), IEC62619(cell), UN38.3 (cell/pack)
- ROHS (cell), CE system certification, IP65 Rating

Design

- Standard-size (BCI) ABS container for easy VRLA replacement
- Fast charge/discharge performance
- Up to 2C / 10 minute peak discharge
- Display & integrated controls
- Visual state-of-charge (SOC)
- External fuse access
- Bluetooth Connectivity & dedicated IOS & Android App
- Maintenance-free operation

Battery Management System (BMS)

- Integrated hardware BMS inside
- Independent charge & discharge protection
- Balance Protection
- Short-Circuit Protection, Over-Voltage Protection, Low-Voltage Protection, Over-Current Protection, Low-Temperature Protection, Over-Temperature Protection

➦ **36V LFP Profile**

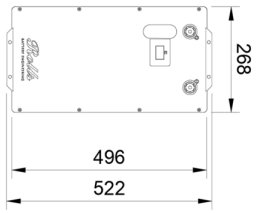
Specifications

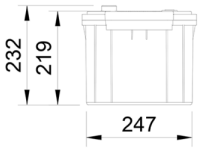
Weight	32 kg	70.6 lbs
Length	522 mm	20.55"
Width	268 mm	10.55"
Height	219 mm	8.62"
Height Incl. Term.	232 mm	9.13"

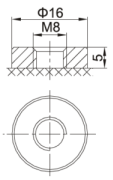
Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process & battery components.

Container	ABS
Cover	ABS
Handles	Rope / Plastic Handle
Internal BMS Model	12S200ATX-V2
Expected Cycle Life	>6000 @ 80% DOD, >3000 @ 100% DOD
Series Connection	1 UNIT MAX (36V)
Parallel Connection	6 UNITS MAX (36V)

Detailed Illustration







ISO9001 ISO14001 OHSAS18001

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