

WECO

Efficiente.
Confiabile.
Compatta.



W-24/100AH

24VDC-100ALI-IONBATTERY
WITH INTEGRATED BLUETOOTH

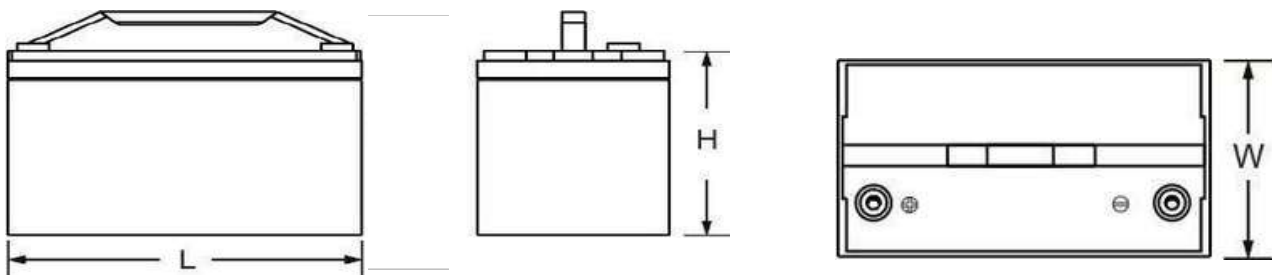
Lithium-Ion Battery

100A-24Vdc

4000 Cycles

Basic Parameters	
Nominal Voltage	25.6 V
Nominal Capacity	100 Ah
Energy	2560 Wh
Self-Discharge	<3% / Month
Cells	LiFePo4 Prismatic Cell 100Ah
Operation Parameters	
Voltage Range	20 - 29.2 V
Charge Voltage Range	28.8 - 29.2 V
Cut-off Voltage	20 40A 100A
Standard Charging Current	100A
Max Charge Current	
Max Discharge Current	
Mechanical Parameters	
Dimensions (L x W x H)	
Approx. Weight	532 x 207 x 215mm
Terminal Type	21 kg
Terminal Torque	M8 (live terminals)
Case Material	(9 N-m)
Enviromental Parameters	
Humidity	ABS
Charge Temperature Range	0-95% RH
Discharge Temperature Range	32 ~ 140 °F (0 ~ 60 °C)
Storage Temperature Range	-4 ~ 140 °F (-20 ~ 60 °C)
Standards	
	23 ~ 95 °F (-5 ~ 35 °C)
Certifications	CE,FCC,ROHS, UN38.3, UN 3480, CLASS 9

DIMENSIONS



L mm (")	W mm (")	H mm (")
532 (21.73)	207 (8.15)	215 (8.47)

Features

FEATURES



Built-in circuit protection

Battery Management Systems (BMS) are incorporated against abuse.



Better storage

Up to 6 months due to the extremely low-self discharge (LSD) rate and no risk of sulfation.



Quickly recharge

Save time and increase productivity with less down time due to superior charge/discharge efficiency.



Extreme heat tolerance

Suitable for use in a wide range of applications where ambient temperature is unusually high: up to +60°C.



Lightweight

Lithium batteries provide more Wh/Kg while also being up to 1/3 the weight of its SLA equivalent.

APPLICATIONS

Lithium Iron Phosphate can be used in most applications that use Lead Acid GEL or AGM type batteries.

Suitable applications include:

- Caravan
- Marine
- Golf Car
- Buggies
- Solar Storage
- Remote Monitoring
- Switching applications and more

CAUTIONS

- Do NOT short circuit, crush or disassemble.
- Do NOT heat or incinerate.
- Do NOT immerse in any liquid.
- Store at 50% capacity. Recharge every 3 months.
- The storage area must be clean, cool, dry and ventilated.