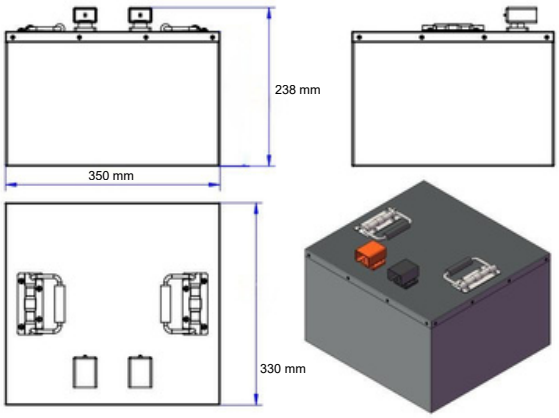
CHALLENGER BATTERY

EVL24-100

Specification

Nominal Voltage	25,6V
Nominal Capacity	100Ah | 2560Wh
Battery Type	$LiFePO_4$
Operating Temperature Range	from 0 to + 60°C
Max. charge current	50A
Communication	Bluetooth
Parallel Connection	Up to 4 batteries
Design life	10 Years
Protection rating	IP65
Weight	25 kg
Overall dimensions	350 x 330 x 238 mm
Terminal	M6
Cells Type	Prismatic
Initial Impedance	≤30 mΩ
Discharge cut-off voltage	20V
Max continous discharge current	100A
Max charge voltage	29,2V
Standard charge current	20A

EVL series is designed for demanding deep cycle applications where high performance, long service life and fast charging capability are essential. Utilizing $LiFePO_4$ technology and an integrated BMS, EVL batteries provide safe, reliable and efficient operation even under intensive daily use.
The EVL series is ideally suited for electric vehicles, floor cleaning machines, forklifts, aerial work platforms, marine applications and various industrial and commercial applications.



Li-Ion

UN 38.3
IEC 62619
IEC 61000
EU 2023/1542

BLUETOOTH

Made in China

BMS APP

Technical documentation

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