

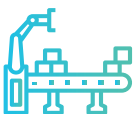
Lithium-ion batteries designed and assembled
in France

MODULAR BATTERY SYSTEM

POWER 48-3 FLOW



- ✓ Lithium-ion Type : NMC (Lithium Nickel Manganese Cobalt Oxide)
- ✓ SAFETY : No propagation of thermal runaway
- ✓ Stackable in series up to 1000 V
- ✓ LIFETIME : Homogeneity of module temperature and efficiency of heat extraction
- ✓ IP 68
- ✓ PERFORMANCE : Better cooling than cold plate battery
- ✓ 48 V



 battery
GROUPE GCK

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SPECIFICATIONS

Composition	14S16P
Nominal capacity	64 Ah
Energy density	113 Wh/kg
Energy	3,23 kWh
Current charge	Nom : 12,8 A Max : 96 A Peak : 150 A (2s)
Current discharge	Max : 300 A Peak : 500 A (10s)
Nominal voltage	50,4 V
Voltage range	35 V ↔ 58,8 V
Ambient operating temperature range	Charge 0° ↔ 45° C Discharge -20° ↔ 60° C
Cell operating temperature range	Charge 0° ↔ 50° C Discharge -20° ↔ 80° C
Storage temperature range	-20° ↔ 25° C
Minimum number of cycles (@ T = 25° C) @ 100% DOD with 80% SOH remaining @ 90 % DOD with 90% SOH remaining	1000 cycles 2000 cycles

INFORMATION

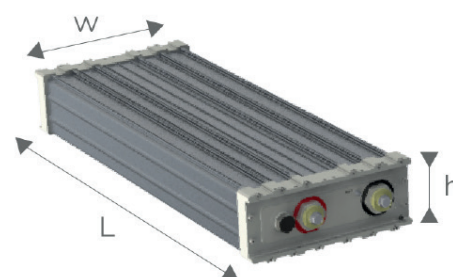
- Immersion module with electronic card for measuring and balancing voltage, temperature and load
- External BMS with battery management functions

Certifications	CE-UN 38.3 - IEC 62619
Sealing	IP 68
Communication	CANBUS
Parallel use	Self-addressing Master / Slave Configuration



DIMENSIONS

Length L	690 mm
Width w	255 mm
Height h	100 mm
Weight	28,5 kg



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 **battery**
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