



## **GO 2 energy & power battery pack**

### **High autonomy for light electric vehicles and robotics**



High autonomy

- + 2,000 Wh
- + 237 Wh/L



High reliability & safety

- + BMS with passive balancing
- + Natural convection cell cooling
- + IP65
- + Aluminum casing
- + Vibration damping pads



Great flexibility

- + CAN 2.0

# GO 2 energy & power

## Li-ion NMC battery

PHYSICAL SPECIFICATIONS	CONDITIONS	UNIT	MODULE
<b>VOLTAGE</b>			
Minimal	-	V	50
Nominal	-	V	72
End of charge	-	V	84
<b>CURRENT @25°C</b>			
Maximum peak discharge current	≤ 10 sec	A	80
Typical average discharge current	-	A	40
Typical average charge current	-	A	12.5
<b>ENERGY @25°C</b>			
Energy	-	kWh	2
Energy density	-	Wh/L	237
<b>DIMENSIONS</b>			
Height		mm	160
Width		mm	240
Depth without connectors		mm	280
Depth with connectors		mm	320
Weight		kg	16
<b>ADDITIONAL INFORMATION @25°C</b>			
Cell configuration	-		20S 10P
Communication protocol			CAN 2.0
Typical number of cycles until 80% of the original capacity	@ discharge rate of 0.7C	cycles	≥ 500
Typical temperature range	Discharge	°C	-20 to 60
	Charge	°C	0 to 45
Protection rating	Built to meet		IP 65
Option A: charger			
Option B: handle			