



## **GO** 1.6 energy battery pack

### High-energy & autonomy battery pack for individual urban light electric vehicles



Great flexibility

- + CAN 2.0
- + Up to 3 batteries in parallel (with the Forsee Power Switching box)



High reliability and safety

- + Advanced BMS with passive balancing and precharge function
- + Optimal thermal dissipation
- + Robust aluminum casing
- + Best-in-class 18650 cells



Easily swappable

- + Top handle
- + Rack connector at the bottom of the battery pack

# Go 1.6 energy Li-ion NMC battery

PHYSICAL SPECIFICATIONS	CONDITIONS	UNIT	MODULE
<b>VOLTAGE</b>			
Minimal	-	V	38.5
Nominal	-	V	50.4
End of charge	-	V	58.8
<b>CURRENT @25°C</b>			
Maximum peak discharge current	≤ 10 sec	A	60
Typical average discharge current	Continuous	A	30
Typical average charge current		A	15
<b>ENERGY @25°C</b>			
Energy	-	Wh	1,626
Energy density	-	Wh/L	224
Capacity	@ 0.2 C discharge	Ah	32
<b>DIMENSIONS</b>			
Height		mm	74
Width		mm	252
Depth without connectors		mm	-
Depth with connectors and handle		mm	380
Weight		kg	10
<b>ADDITIONAL INFORMATION @25°C</b>			
Cell configuration	-		14S 10P
Communication protocol			CAN 2.0
Typical number of cycles until 70% of the original capacity	@ discharge rate of 0.2C	cycles	≥ 700
Typical temperature range	Discharge	°C	-20 to 60
	Charge	°C	0 to 45
Certification	UN 38.3		
	CE		
Protection rating	Built to meet		IP65
Option : switching box allowing to use three batteries in parallel or sequentially one after the other			

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