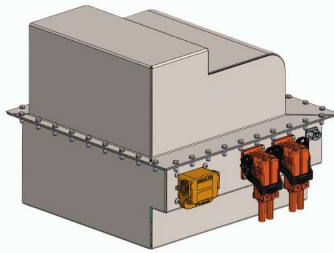




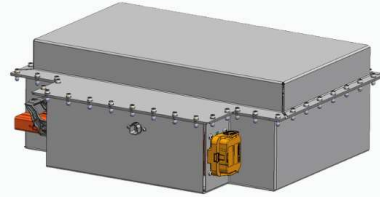
CirculaCar

LFP MODULAR BATTERY PACK

Technical characteristics



High Battery



Flat Battery

PHYSICAL SPECIFICATIONS	CONDITIONS	UNIT	SUB-PACKS CONNECTED IN SERIES			
			1*	2	3	4
VOLTAGE						
Minimal		V	80	160	240	320
Nominal		V	102	204	306	408
End of charge		V	116	232	348	464
ENERGY / CAPACITY						
Embedded energy	C/3, BOL, @25°C	kWh	10.7	21.4	32.1	42.8
Embedded capacity	C/3, BOL, @25°C	Ah	105			
POWER**						
Continuous power in charge / in discharge	SOC 50%, @25°C	kW	5.4 / 14	10.8 / 28	16.2 / 42	21.6 / 56
10s peak power in charge / in discharge	SOC 50%, @25°C	kW	11 / 23	22 / 46	33 / 69	44 / 92
CURRENT**						
Continuous current in charge / in discharge	SOC 50%, @25°C	A	55 / 140			
10s peak current in charge / in discharge	SOC 50%, @25°C	A	100 / 225			
MECHANICAL CHARACTERISTICS						
Volume	High Battery	Liter	68	136	204	272
	Flat Battery		69	138	207	276
Weight	High Battery	kg	130	260	390	520
	Flat Battery		130	260	390	520
Dimensions (L x W x H)	High Battery	mm	469 x 450 x 420			
	Flat Battery		674 x 489 x 242			

*Battery pack is also available for a nominal voltage of 51V.

SOC: State Of Charge BOL: Beginning Of Life

**Depending on maximum cell temperature



Possibility to connect in series or in parallel

From 51 V to 408 V / From 10.7 to 42.8 kWh



Repairable

Screwed cell battery tabs



Connected

Precious technical data gathering



Made in France

Our battery packs are designed and assembled in France. We guarantee our customers high-quality products made locally.