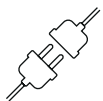




LIFE 92 high-energy battery pack

Plug-and-play for your everyday-life applications



Plug & play

- + High compactness
- + SMBus & SBS v1.1



Reliable & safe

- + Filed-proven BMS technology
- + EU & US certifications: UN38.3 / EMC(IEC60601-1-2) / CB IEC62133 / FCC / UL2054



Cost competitive

- + High-volume series production
- + Long cycle life up to 700 cycles (IEC 60601-3)

Life 92 SBS v1.1 compliant Li-ion NMC battery system

PHYSICAL SPECIFICATIONS	UNIT	DATA
VOLTAGE		
Minimal	V	10
Nominal	V	14.8
End of charge	V	16.8
ENERGY / CAPACITY		
Embedded energy	Wh	94
Typical capacity	Ah	6.4
Minimum capacity	Ah	6.2
CURRENT		
Standard continuous current in discharge	A	1.24 (0.2C)
Max. continuous current in discharge	A	10
Standard continuous current in charge	A	3.1 (0.5C)
Max. continuous current in charge	A	5
CYCLE LIFE		
Cycle life (charge 0.5C / discharge C / 23°C)		700 cycles @75% initial capacity
TEMPERATURE		
Operation temperature in charge	°C	0 ~ 45
Operation temperature in discharge	°C	-20 ~ 60
Storage temperature 1 month	°C	-20 ~ 60
Storage temperature 3 months	°C	-20 ~ 45
Storage temperature 1 year	°C	- 20 ~ 20
MECHANICAL CHARACTERISTICS		
Weight	g	~602
Height	mm	~77
Width	mm	~150
Depth	mm	~23
CERTIFICATIONS		
Cell certification		UN 38.3 IEC 62133
Battery certification		UN 38.3 IEC 62133 compliant CB IEC 62133 UL 2054 EMC FCC RoHS REACH

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