

LEV50N

Nominal voltage	3.75	V
Operating voltage range	2.75 to 4.1	V
1-hr rate typical Capacity 25°C	50	Ah

Length	171 (±0.5)	mm
Width	44 (±0.5)	mm
Height (over terminals)	111 (±1)	mm
Mass	1.65	kg
Male threaded terminal	M8	0
Torque	9-13	Nm

Storage (recommended)

Charge

Discharge

Cell case

Insulation film

Charge voltage limit at 25°C V(continuous)	4.1	V
Charge voltage limit at 25°C V(60mSec)	4.2	V
Charge termination threshold current	<0.5	A

Maximum Charge Current (-25°C)	10	A
Maximum Charge Current (-10°C)	25	A
Maximum Charge Current (0°C)	50	A
Maximum Charge Current (10-40°C)	125	A
Maximum Charge Current (50°C)	100	A
Maximum Charge Current (55°C)	50	A
Maximum Charge Current (60°C)	20	A

Continuous current 300 A

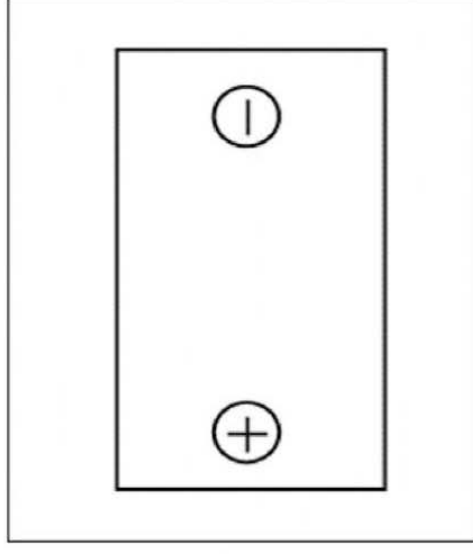
100% DOD @ 25°C. Assuming:

Charge - 1C (50Amp) constant current followed by 4.1V constant voltage charge. Charge cut off at 0.5Amps.
 Discharge - 1C (50Amp) constant current discharge down to 2.75V

5500 cycles (to 80% of initial capacity)

Measured at 1 kHz

0.55 m



3RD PARTY CERTIFICATIONS

ISO 9001 - Quality Management Systems
 ISO 14001 - Environmental Management Systems
 EN 18001 - OHSAS Management Systems

STANDARDS



Certificate No. EMS 35220



Certificate No. PM 10026

