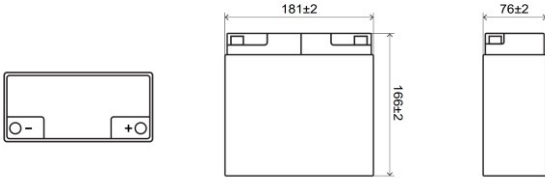




NERBO[®] LITHIUM

N-LFP 20-12 256 Wh LITHIUM DEEP CYCLE BATTERY



MARINE



CARAVAN



LIGHT ELECTRIC VEHICLE



UPS



TELECOM



SOLAR & WIND



Li-FePO₄
TECHNOLOGY



LONG LIFE
LITHIUM BATTERY

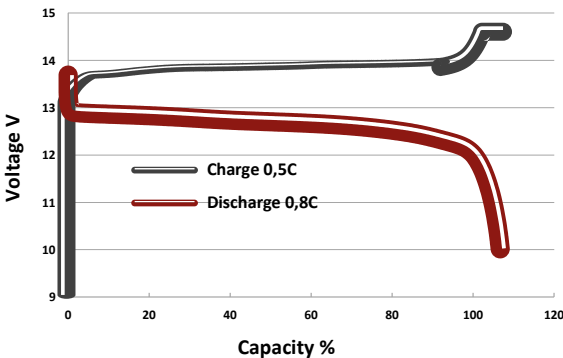
PARAMETERS

NOMINAL VOLTAGE	NOMINAL CAPACITY	NOMINAL ENERGY	WEIGHT	TECHNOLOGY	DESIGNED LIFE	INTERNAL RESISTANCE	TERMINAL TYPE
12,8 V	20Ah	256 Wh	3 kg	LiFePO ₄ with BMS (electronic management system)	2000 cycles with DOD 100%, 3000 cycles with DOD 80%	≤ 30 mΩ	M6 internal thread (tightening torque 8 ÷ 10 Nm)
MAXIMUM CONTINUOUS DISCHARGE CURRENT	MAXIMUM PULSE DISCHARGE CURRENT	END-OF-DISCHARGE VOLTAGE	CHARGING CURRENT	MAXIMUM CHARGING CURRENT	CHARGING VOLTAGE	CHARGING VOLTAGE FOR STAND-BY OPERATION	SELF DISCHARGE
25 A	60 A (3 sek.)	9.6 V	≤ 10A	25 A (25°C)	14,6 V	14,4 V	average 3% capacity per month (25°C)

DIMENSIONS			OPERATING TEMPERATURE RANGE		
LENGTH	WIDTH	HEIGHT	DISCHARGE	CHARGE	STORAGE
181 mm	76 mm	166 mm	-20°C ~ +60°C	0°C ~ +45°C	-10°C ~ +35°C

CHARACTERISTICS

Charging / Discharging at 25°C



Cyclic life as a function of Depth-Of-Discharge (DoD):

