

PRODUCT FEATURES

- Lithium Iron Phosphate Technology
- Safe & reliable
- Parallel connection, max. 4 modules
- Long Life Cycle > 1500 cycles
- 50% lighter than Lead Acid batteries
- Special BMS for Safety and Cycle use
- UN 38.3 certification - CE Marking

APPLICATIONS

- E-Scooters & Bikes (2 / 3 and 4-wheel)
- Material Handling Equipment
- Low Speed Vehicles
- Children's Toys
- Lifts

SPECIFICATIONS

LFP Prismatic Cells	8x 3,2V
Nominal Voltage	25,6V
Capacity	25Ah
Nominal Energy	640Wh
Max. charge voltage	29,2V (29,2 / 43,8 / 58,4V)
Discharge cut-off voltage	20V (18 / 27 / 36V)
Max. charge current	1C = 25 Amp
Max. continuous discharge current	25 Amp
Max. peak (3 sec.) discharge current	75 Amp
Operating temperature	-15°C to + 55°C
Storage temperature	-10°C to + 40°C

NO SERIE CONNECTION, ONLY PARALLEL

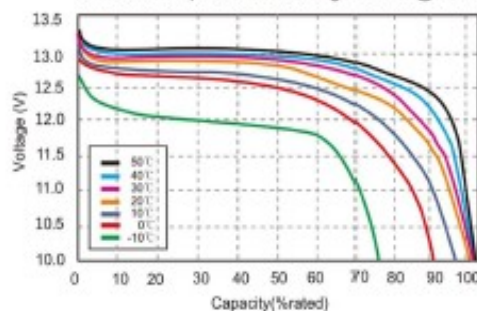
DIMENSIONS

Dimensions LxWxH in mm	197 x 165 x 174
Weight	7kg (±2%)
Case and cover	ABS
Terminal	M6 Bolt

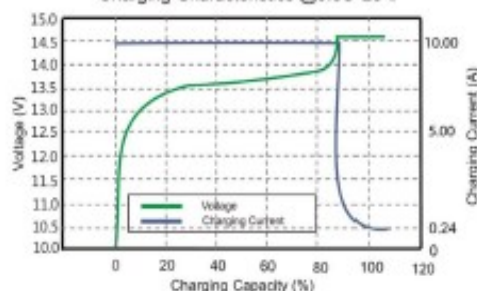
CHARGING

Recommended charging voltage	14,0 ~ 14,6V
Recommended charging current	0,5C = 12 Amp
Charge temperature	0°C to + 45°C

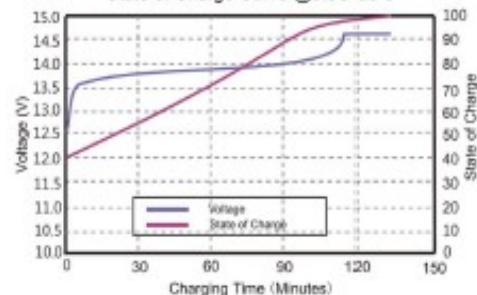
Different Temperature Discharge Curve @0.5C



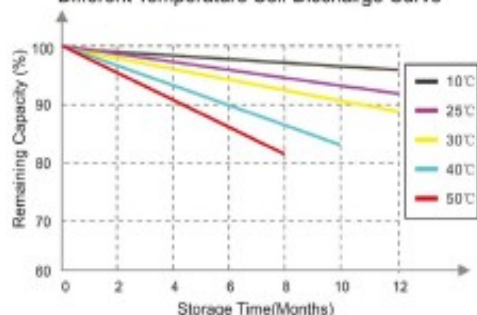
Charging Characteristics @0.5C 25°C



State of Charge Curve @0.5C 25°C



Different Temperature Self Discharge Curve



CYCLE LIFE

To 90% C with 100% DoD >1500

To 80% C with 80% DoD >3000

