

3LI

TR24100

DATASHEETS



BLITHIUM®

3LITHIUM AND ITS LOGOTYPES ARE REGISTERED TRADEMARKS - ALL RIGHTS RESERVED

3LITHIUM TR24100

DESCRIPTION

LITHIUM ION BATTERY

| | |
|-------------------------------|--------------|
| NOMINAL VOLTAGE | 25,9v |
| MAXIMUM VOLTAGE | 29,4v |
| MINIMUM VOLTAGE (CUTOFF BMS) | 21v |
| RATED CAPACITY | 2590Wh |
| AMPERE CAPACITY | 98A |
| MAX. CONTINUOUS DISCHARGE | 60A |
| MAX LOAD | 28A |
| CELL TYPE | LITHIUM ION |
| MANUFACTURER LITHIUM ION CELL | LG o SAMSUNG |
| ELECTRONIC BATTERY CONTROL | YES, BMS |
| SHORT CIRCUIT PROTECTION | YES |
| OVERCHARGE PROTECTION | YES |
| DEEP DISCHARGE PROTECTION | YES |
| OVER CURRENT PROTECTION | YES |
| SMART CELL BALANCING | YES |

DIMENSIONES Y PESO

| | |
|------------------|--------|
| LENGTH | 345mm |
| WIDTH | 150mm |
| HEIGHT | 155mm |
| ESTIMATED WEIGHT | 11930g |



3LITHIUM TR24100

CYCLING

| | |
|---------------------------|-----------------------------|
| MAX LOAD | 1C |
| LOAD TYPE | CC-CV |
| LOADING TEMPERATURE | 0-45°C |
| UNLOADING TEMPERATURE | -10-65°C |
| STORAGE TEMPERATURE | 25°C |
| RELATIVE CAPACITY -10°C | 40% |
| RELATIVE CAPACITY 0°C | 60% |
| RELATIVE CAPACITY 23°C | 100% |
| RELATIVE CAPACITY 45°C | 100% |
| GUARANTEED CYCLES | 500 |
| CAPACITY AFTER 500 CYCLES | 80% UP TO. 4.000 CYCLES 60% |

CONSTRUCTION

| | |
|-----------------|--|
| ASSEMBLY | NICKEL 99,7% PURITY |
| MAIN BUSBAR | COPPER 99,9% PURITY |
| LEAD CONTENT | >0,001% |
| PACKAGING | DOUBLE INNER ALUMINUM PANEL POLYETHYLENE |
| EXT. HOUSING | HIGH IMPACT POLYSTYRENE |
| WIRING | MULTIFILAMENT SILICONE UP TO 200°C |
| EXT. PROTECTION | IP63 |



SAFETY WARNINGS



- Do not expose the battery to direct sunlight or temperatures above 65°C.
- Do not use the battery if you notice deformations or excessive heating +65°C.
- Use only the charger indicated for this type of battery.
- Do not strike or release abruptly on a hard surface.
- Do not immerse the battery in water or any other type of liquid.
- In case of anomaly, contact the manufacturer for instructions.

DISPOSE OF LITHIUM BATTERIES AT AN APPROPRIATE RECYCLING CENTER.

