

# 3LI

## *TR2470*

DATASHEETS



## *3LITHIUM®*

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3LITHIUM TR2470

| DESCRIPTION                   | LITHIUM ION BATTERY |
|-------------------------------|---------------------|
| NOMINAL VOLTAGE               | 25,9v               |
| MAXIMUM VOLTAGE               | 29,4v               |
| MINIMUM VOLTAGE (CUTOFF BMS)  | 21v                 |
| RATED CAPACITY                | 1813Wh              |
| AMPERE CAPACITY               | 70A                 |
| MAX. CONTINUOUS DISCHARGE     | 60A                 |
| MAX LOAD                      | 20A                 |
| 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           | 278mm |
| WIDTH            | 163mm |
| HEIGHT           | 158mm |
| ESTIMATED WEIGHT | 8960g |



## 3LITHIUM TR2470

### 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.

