

## LITHIUM IRON PHOSPHATE BATTERY

### PRLR-20

#### SPECIFICATIONS

|            |        |             |
|------------|--------|-------------|
| Model No.  |        | PRLR-20     |
| Dimensions | Length | 181mm       |
|            | Width  | 77mm        |
|            | Height | 170mm       |
| Weight     |        | About 3.1kg |

#### CHARACTERISTICS

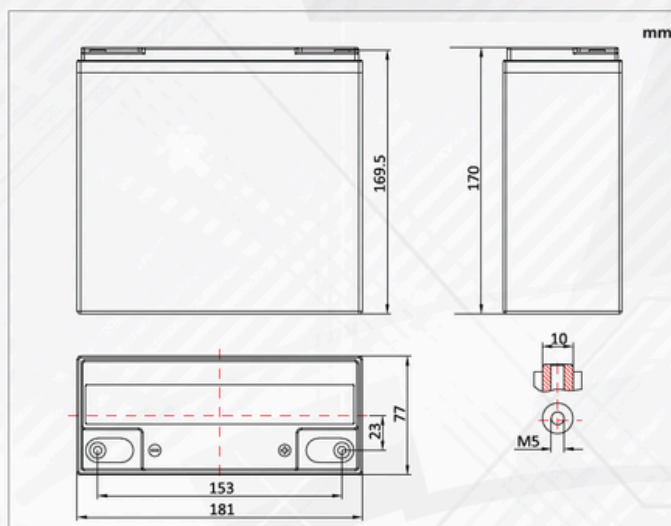
|                            |                         |
|----------------------------|-------------------------|
| Nominal Voltage            | 12.8V                   |
| Nominal Capacity           | 20Ah                    |
| Nominal Energy             | 256Wh                   |
| Internal Impedance         | ≤30mΩ                   |
| Charge Voltage             | 14.4V                   |
| Discharge Cut-off Voltage  | 8V                      |
| Standard Charge Current    | 4A                      |
| Max. Charge Current        | 20A                     |
| Standard Discharge Current | 10A                     |
| Max. Discharge Current     | 20A                     |
| Peak Discharge Current     | 40A<5S                  |
| Operating Temperature      | Charge 0°C ~ +45°C      |
|                            | Discharge -20°C ~ +55°C |

Note: Maximum 4 batteries in series (total voltage 12V-48V)

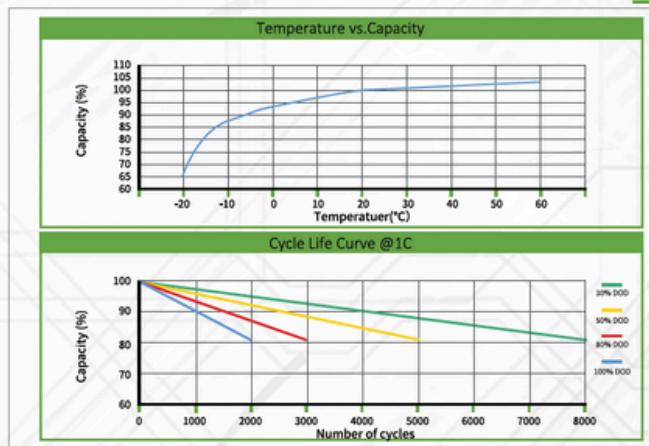
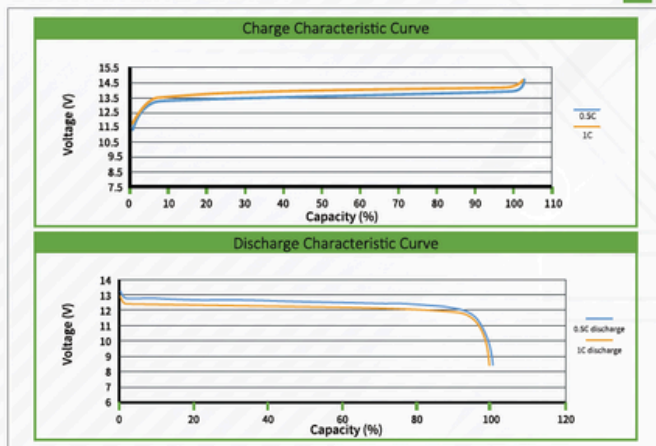


PRLR-20

#### DRAWINGS



#### DISCHARGING GRAPH



#### CERTIFICATIONS

**UN38.3** **CE**