

# 14.33kWh LiFePO4 Battery

51.2V / 280Ah



## SPECIFICATIONS

|                                |                                                     |
|--------------------------------|-----------------------------------------------------|
| Model                          | MR-LFP48-280-WMD                                    |
| Battery Type                   | REPT LiFePO4 Battery (Grade A)                      |
| Nominal Voltage                | 51.2V                                               |
| Nominal Capacity               | 280Ah                                               |
| Storage Energy                 | 14.33kWh                                            |
| Battery Internal Resistance    | $\leq 10\text{m}\Omega$                             |
| Cycle Life                     | $\geq 6000$ @25°C, 70% EOL                          |
| Design Life                    | $\geq 10$ years                                     |
| Max. Charging Current          | 200A                                                |
| Max. Discharging Current       | 200A                                                |
| Peak Charging Current          | 215A / 2s                                           |
| Peak Discharging Current       | 215A / 2s                                           |
| Communication                  | RS485, CAN                                          |
| Number of Parallel Connections | Up to 15 units                                      |
| Charging Temperature           | 0°C to 50°C                                         |
| Discharge Temperature          | -15°C to 50°C                                       |
| Storage Temperature            | -30°C to 35°C                                       |
| Humidity                       | 5% – 95%                                            |
| LCD                            | 4.3-inch touch screen                               |
| Dimension (L*W*H)              | 825 × 428 × 238mm (Package size: 910 × 510 × 425mm) |
| Weight                         | Net Weight: 110.7kg (Gross Weight: 125.5kg)         |

All above information shall be changed without prior notice, MARSRIVA reserves the right to explain and update the latest information.