PATANJALI 48V 800Ah - Telecom Lithium Battery

| S.No | Checking Items | Parameter |
|------|--|---|
| 1 | Cell Type | LiFePO4 |
| 2 | Module Configuration | 15S1P |
| 3 | System Configuration | 1S8P |
| 4 | Rated Voltage | 48 V |
| 5 | Rated Capacity (at standard discharge, 25°C) | 800 Ah |
| 6 | kWh Rating | 38.4 kWh |
| 7 | Standard Charge Current | 200 A |
| 8 | Max. Continuous Charge Current | 400 A |
| 9 | Charge/Discharge Cut-off Voltage | 52.5 / 44 V |
| 10 | Standard Discharge Current | 200 A |
| 11 | Max. Continuous Discharge Current | 400 A |
| 12 | Working Temperature (Charge) | 0 to 45°C |
| 13 | Working Temperature (Discharge) | -20 to 55°C |
| 14 | Cycle Life (at 80% DOD, 25°C) | >3000 cycles |
| 15 | Charge/Discharge Efficiency | >95% |
| 16 | Communication Ports | RS485 & CAN |
| 17 | Mounting Type | Rack Mounted |
| 18 | IP Class | IP55 |
| 19 | Protections | Cell Under Voltage, Cell Over Voltage, Battery Pack Over |
| | | Voltage, Battery Pack Under Voltage, Charging Over |
| | | Current, Discharging Over Current, Cell Over Temperature, |

| | | Battery Pack Over Temperature, Short Circuit |
|----|--------------------------------|---|
| 20 | Additional Features (optional) | Battery Remote Monitoring, Remote Control, Geo Fencing, |
| | | GPS, Anti-Theft Under Voltage |

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