

Enertex Power Link 418



| BATTERY PARAMETERS | ENERTEX POWER LINK 418 |
|---|---|
| Battery Configuration | 416S1P |
| Battery Nominal Voltage / Capacity | 1331.2V / 314Ah |
| Battery Energy | 420.006 kWh |
| Cell Type / C-Rate | Lithium Ferro Phosphate (LFP) Prismatic Type @ 0.5C |
| Cell Nominal Voltage / Capacity | 3.2V / 314Ah |
| Depth of Discharge (DoD) | 95% |
| DC Operating Voltage Range | 1125V to 1500V |
| Battery Cycle Life | >10,000 Cycles |
| Maximum Charge / Discharge Current | 157A |
| Battery Dimension (L×W×H) | 1450mm × 1350mm × 2400mm |
| Thermal Management | Advance Intelligent Liquid Cooling |
| Operating Temperature Range – Charging | 0°C to 50°C (<85% RH) – Above 45°C Derating |
| Operating Temperature Range – Discharging | -20°C to 60°C (<85% RH) – Above 45°C Derating |
| Working Altitude | <2000 mtr |
| Weight | <4 Tons |
| SPECIAL BATTERY PARAMETERS | |
| Communication Interface | RS485, Ethernet, IoT |
| Control & Communication | SCADA for Central Control & Monitoring Communication: Standard Industrial Protocols |
| Fire Suppression System | Temperature & Smoke Detector, Aerosol, Water Fire Interface |
| Protection Class (IEC 60529) | IP55 |
| Anti-Corrosion Degree | C4 |
| System Designed Service Life | 10 Years (with RTE degradation) |
| CERTIFICATIONS | |
| Battery Cell | IEC 62619 |
| Battery Pack | UN 38.3 |
| Battery Rack | EN 62477-1, IEC 63056 |
| System | EN IEC 61000-6-2/4 |