

# Xtreme HV 1.0



| BESS Specifications         | 2 Modules     | 3 Modules     | 4 Modules     | 5 Modules |
|-----------------------------|---------------|---------------|---------------|-----------|
| Battery Combination         | 1P32S         |               |               |           |
| Cell Capacity (Ah)          | 50            |               |               |           |
| Nominal Energy (kWh)        | 10.24         | 15.36         | 20.48         | 25.6      |
| Nominal Power (kW)          | 9.83          | 14.75         | 19.66         | 24.58     |
| Nominal Voltage (V)         | 204.8         | 307.2         | 409.6         | 512       |
| Max. Operating Current (A)  | ≤48           |               |               |           |
| Max. Current (A)@2S         | 60            |               |               |           |
| Operating Voltage Range (V) | 172.8 ~ 233.6 | 259.2 ~ 350.4 | 345.6 ~ 467.2 | 432 ~ 584 |
| Cycle Life                  | 8000 Cycles   |               |               |           |

| General Parameters      |   |                                    |                                    |                                    |
|-------------------------|---|------------------------------------|------------------------------------|------------------------------------|
| Dimensions (W*D*H)      | 775*270*854mm<br>30.5*10.6*33.6in   | 775*270*1112mm<br>30.5*10.6*43.8in | 775*270*1370mm<br>30.5*10.6*53.9in | 775*270*1628mm<br>30.5*10.6*64.1in |
| Total Weight            | 152kg<br>335lb  | 212kg<br>467lb                     | 272kg<br>600lb                     | 332kg<br>731lb                     |
| Enclosure               | IP55  |                                    |                                    |                                    |
| Operating Temperature   | -20°C to 50°C (-4°F to 122°F)   |                                    |                                    |                                    |
| Recommended Temperature | 0°C to 30°C (32°F to 86°F)  |                                    |                                    |                                    |
| Operating Humidity (RH) | Up to 100%, non-condensing  |                                    |                                    |                                    |
| Storage Conditions      | -20°C to 55°C/-4°F to 131°F(0°C to 35°C/32°F to 95°F Recommended)<br>Up to 90%RH, non-condensing Initial SoC: 50% |                                    |                                    |                                    |
| Max. Elevation          | 2000m / 6561ft  |                                    |                                    |                                    |
| Installation Scene      | Indoor and Outdoor  |                                    |                                    |                                    |

| System Characteristic   |  |
|-------------------------|--|
| Certifications          | IEC62619, MSDS, UN38.3<br>UL1973, UL9540 |
| Communication Interface | CAN, WiFi, RS485                         |
| Warranty <sup>[1]</sup> | 10 Years                                 |

[1] Please refer to the warranty letter for details

## System Layout

