

# XTRA POWER LiFePO4

## BATTERY MODULE- QUASAR LITE SEREIS



Based on LIFEPO4 battery cells, equipped with high-performance BMS to effectively manage the batteries cells, compared with traditional batteries, it has a wider range of performance and application advantages, high cycle times, long service life, and is suitable for daily charge and discharge Application scenarios.

Multiple protection: short circuit protection, overcharge protection, over discharge protection, over current protection, equalization, etc.

Based on industry application requirements, the products are uniquely designed and innovated in compatibility, energy density, power density, safety, operability and product appearance, which can bring users an excellent energy storage application experience.

Multiple communication interfaces RS485/RS232/CAN

POWERING BY BRAND NEW EVE CELLS

| XTRA POWER QUASAR-LITE SERIES WALL MOUNT LITHIUM BATTERY MODULE |                                                                                                                                                                                                                                                                                                                                                         |                                                                                                    |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Model No.                                                       | XTLB48100-LITE                                                                                                                                                                                                                                                       | XTLB48200-LITE  |
| Nominal Parameters                                              |                                                                                                                                                                                                                                                                                                                                                         |                                                                                                    |
| Voltage                                                         | 51.2V                                                                                                                                                                                                                                                                                                                                                   | 51.2V                                                                                              |
| Capacity                                                        | 100Ah                                                                                                                                                                                                                                                                                                                                                   | 200Ah                                                                                              |
| Energy                                                          | 5.12Kwh                                                                                                                                                                                                                                                                                                                                                 | 10.24Kwh                                                                                           |
| Basic Parameters                                                |                                                                                                                                                                                                                                                                                                                                                         |                                                                                                    |
| Design Life Times (25℃)                                         | 20 Years                                                                                                                                                                                                                                                                                                                                                | 20 Years                                                                                           |
| Life Cycles (80% DOD, 25℃)                                      | >6000 Cycles                                                                                                                                                                                                                                                                                                                                            | >6000 Cycles                                                                                       |
| Storage Time / Temperature                                      | 5 months @25°C; 3 months @35°C; 1 month @45°C                                                                                                                                                                                                                                                                                                           | 5 months @25°C; 3 months @35°C; 1 month @45°C                                                      |
| Operation Temperature                                           | -20°C to 60°C @60+/-25% Relative Humidity                                                                                                                                                                                                                                                                                                               | -20°C to 60°C @60+/-25% Relative Humidity                                                          |
| Storage Temperature                                             | 0°C to 45°C @60+/-25% Relative Humidity                                                                                                                                                                                                                                                                                                                 | 0°C to 45°C @60+/-25% Relative Humidity                                                            |
| Modules connection                                              | 1-15 in parallel                                                                                                                                                                                                                                                                                                                                        | 1-15 in parallel                                                                                   |
| Enclosure Protection Rating                                     | IP45                                                                                                                                                                                                                                                                                                                                                    | IP45                                                                                               |
| Electrical Parameter                                            |                                                                                                                                                                                                                                                                                                                                                         |                                                                                                    |
| Operation Voltage                                               | 46-57.6Vdc                                                                                                                                                                                                                                                                                                                                              | 46-57.6Vdc                                                                                         |
| Max.charging Voltage                                            | 57.6Vdc                                                                                                                                                                                                                                                                                                                                                 | 57.6Vdc                                                                                            |
| Max.charging and Discharging Current                            | 100A                                                                                                                                                                                                                                                                                                                                                    | 200A                                                                                               |
| Max.Power                                                       | 5120W                                                                                                                                                                                                                                                                                                                                                   | 10240W                                                                                             |
| Smart BMS Compatible With Inverter Brands                       |     |                                                                                                    |

with Bluetooth for changing Inverters Protocol Wirelessly