

# Green Orca<sup>®</sup> Lithium Polymer batteries

## Battery module specifications

### Green Orca 525 Marine Lithium Polymer batteries

- 505 x 540 x 240 mm (H x D x W)
- Lloyd's certified
- 52 Volt, 100Ah
- 5.25kWh at 47.5 kg.
- 300A/3C nominal charge, @23 ±3°C
- 300A/3C nominal discharge, @23 ±3°C
- 600A/6C maximum discharge, <10 sec., > SOC 50%
- Stack up to Megawatts and 1,000 Vdc
- Unique BMS with advanced active cell balancing
- NMEA 2000 based CanBus communication
- Designed for marine application, IP65
- Warranty 5,000 cycles at 80% DOD or 10 years
- No electrical or mechanical maintenance

### Green Orca 1050 Marine Lithium Polymer batteries

- 505 x 540 x 325 mm (H x D x W)
- Lloyd's certified
- 52 Volt, 200Ah
- 10.5kWh at 75 kg.
- 200A/1C nominal charge, @23 ±3°C

### Green Orca 620 Marine Lithium Polymer batteries

- 505 x 540 x 240 mm (H x D x W)
- Lloyd's certified
- 26 Volt, 240Ah
- 6.2kWh at 47.5 kg.
- 240A/1C nominal charge, @23 ±3°C
- 300A/1¼C nominal discharge, @23 ±3°C
- 720A/3C maximum discharge, <10 sec., > SOC 50%
- Stack up to Megawatts and 1,000 Vdc
- Unique BMS with advanced active cell balancing
- NMEA 2000 based CanBus communication
- Designed for marine application, IP65
- Warranty 5,000 cycles at 80% DOD or 10 years
- No electrical or mechanical maintenance

- 300A/1½C nominal discharge, @23 ±3°C
- 600A/3C maximum discharge, <10 sec., > SOC 50%
- Stack up to Megawatts and 1,000 Vdc
- Unique BMS with advanced active cell balancing



- NMEA 2000 based CanBus communication
- Designed for marine application, IP65
- Warranty 5,000 cycles at 80% DOD or 10 years
- No electrical or mechanical maintenance