# DUROVOLT ±

# MARINE PRO 51.2 | 105Ah

MARINE PRO – Superiority in its element

**Salt water, spray, and high humidity are the natural enemies of any electronics – but not for the MARINE PRO. This series has been consistently engineered to operate reliably where others corrode.**

The exclusive features of the Pro Series:

**Ultimate corrosion protection:** A housing made of high-grade marine stainless steel provides maximum resistance to aggressive salt water and mechanical stress.

**Maximum water protection:** Thanks to the sealed enclosure and special IP-certified connectors, the system operates absolutely reliably even during temporary submersion or in permanently humid environments.

**Intelligent climate management:** The integrated M32 pressure equalization valve (ePTFE) prevents condensation inside the housing without compromising water tightness.

**Safety on board:** Active BMS and CAN bus integration for seamless monitoring within the onboard system.

The definitive energy solution for yachts and marine applications where failure is not an option.




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## ELECTRONIC SPECIFICATIONS

| | |
|---|---|
| nominal capacity | 105Ah |
| nominal current | 5.376 Wh |
| nominal voltage | 51,2 V |
| end-of-charge voltage | 57,6 V |
| discharge cut-off voltage | 44 V |
| self discharge | < 10% per |

## MECHANICAL SPECIFICATIONS

| | |
|---|---|
| dimensions (LxWxH) | 305 x 175 x 665 mm |
| weight | 43 Kg |
| housing material | Stainless Steel (V4A) |
| IP-Rating | IP67 |
| celltype / chemistry | Prismatic - LiFePO4 |
| lifespan | >3000 (90% DOD) |

## CHARGE AND DISCHARGE

| | |
|---|---|
| charging method | CCCV |
| charging voltage | 56,8 V |
| max. charging current | 55 A |
| max. discharge current | 125 A |
| pulse discharge current (5 sec) | 200 A |

## TEMPERATURES

| | |
|---|---|
| charge temperature | 0°C bis 45°C |
| discharge temperature | -20°C bis 45°C |
| storage temperature | -20°C bis 45°C |







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