

Dual MCS marine tower

ZPP500MCS



The Dual ZPP500MCS consist of 2 fully redundant liquid cooled charging cables. The system is designed for single-handed operation and instant max power availability.

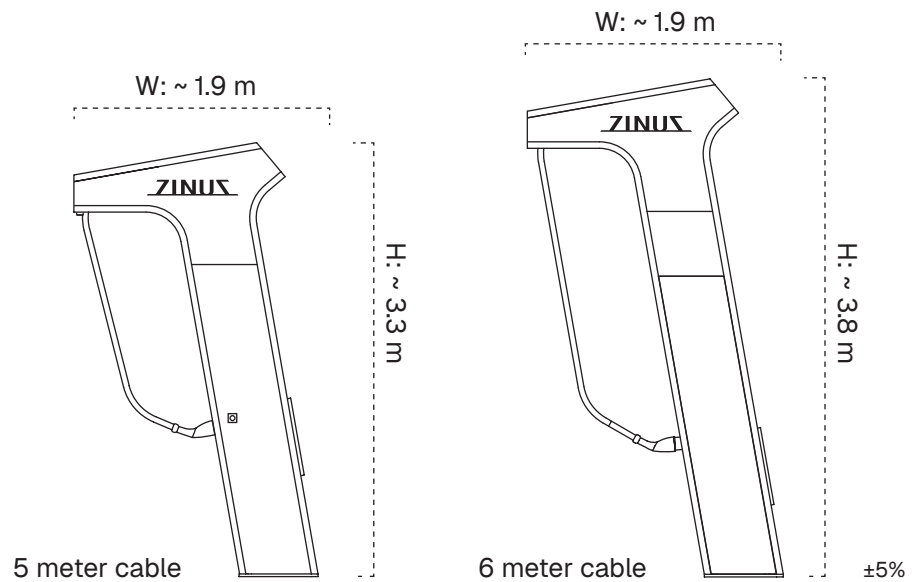
Built with seawater-resistant materials and a protective design to withstands harsh marine environments with minimal maintenance. Its customizable design ensures adaptability to various port and vessel configurations.

Product features

- Dual-cable solution with high capacity and redundancy
- User-friendly semi-automated vessel charging
- Tension controlled Cable Management System with tension overload alarm
- Automatic temperature monitoring
- Seawater-resistant
- Compact footprint maximizing quay access

Options

- Onboard MCS inlet
- Custom colour
- Tower height
- Operator panel protection



Technical information

Cable length

5/6 meter

Connection time

20–40 seconds

Ambient temperature range

–25°C to +45°C

Ingress protection

IP56 minimum

Noise level

Up to 70 dB
(depending on cooling demand)

Weight

550/615 kg

Electrical features

Charging capacity

Dual-cable solution: 2 × 1500 A

Auxiliary power

4 kW, 230–480 V, 50/60 Hz

Max voltage

1250VDC

Compliance with

2014/30/EU

Electromagnetic Compatibility (EMC)
Directive

IEC TS 63379

Battery charging and DC power transfer

UL 2278

Megawatt Charging Configured Electric
Vehicle Couplers

ISO 15118-20

V2G communication interface

IEC 61851-23-3

DC megawatt charging systems

Disclaimer: specifications are subject to change without notice.