

ZINUS Cruiser Solution

CRU500



The CRU500 is an advanced fully electric cable management system designed to streamline cruise ship shore power connections. With automated operation via radio remote control, it ensures quick and efficient power transfer while reducing manual handling. Built with a durable, IP56-rated exterior, the CRU500 withstands harsh marine environments with minimal maintenance. Supporting up to 11 kV and 250A, it delivers reliable high-power capacity for cruise ships. Its customizable design, including towing options, boom rotation, and tidal sensors, allows seamless integration into various port setups.

PRODUCT FEATURES

- Protection against overload tension in the cable
- Absorption of vessel movement and automatic tidal adjustment
- Remote conditional monitoring for service intervals
- User-friendly

TECHNICAL SPECIFICATION

Type	Power Supply Input	Max Current pr cable	Cable length (meters)	Working Temperature	IP Rating	Total weight
CRU500	< 11kV	500A	15m (Shipside) 50m (Shoreside)	-15 to +45°C	IP56	1600 kg

OPTIONS

- MODBUS Interface
- Tidal Sensor
- Signal Cable Jumper
- Heating Element
- Plug Management Crib
- Colour
- Logo



IN COMPLIANCE WITH

- 2006/42/EC – Machinery Directive (MD)
- 2014/30/EU – Electromagnetic Compatibility (EMC) Directive
- IEC/IEEE 80005-1 - High Voltage Shore Power Standard