

# CH-105

## Automatic battery charger



### Main Features:

The automatic battery charger CH-105 is used to charge ship's batteries.

Soft and handy tuning of device's output current and voltage, its high maximum power allow to use the device with ship's batteries up to 200 A\*h of capacity.

Easy-to-use fastenings provide its simple placing and installation.

### Technical Description:

- Input voltage: 220/230 VAC, 50/60 Hz
- Charging voltage: adjustable 9..30 VDC
- Maximum charging current: 20 A
- Normal batteries' capacity: 40..200 A\*h
- Charging voltage and current indication on the built-in LED-display
- Embedded sound and visual signaling



## Electrical Characteristics:

Input voltage:	220/230 VAC 50/60 Hz
Floating charging voltage:	Adjustable 9..30 VDC
Maximal charging current:	Adjustable up to 20 A
Normal batteries' capacity:	40–200 A * h
Normal charging time:	no more 10 hours

## Device operation:

Device's automatic and manual power-on/power-off

Charging voltage and current adjustment with the help of the embedded keyboard.

## Signaling:

Relay's "dry contacts" closing/breaking, and embedded sound and visual signaling \*

\* To provide visual and sound signaling device ADU-106 can be connected to this alarm output

## Indication:

Two LEDs indicators to display charging voltage and current values.

3 LEDs for device's current state indication: charging, normal, failure.

## General Characteristics:

Working temperature:	-20..+55°C
Storage temperature:	-55..+70°C
Overall dimensions:	305x433x126
Weight:	no more than 12 kg

## Protection:

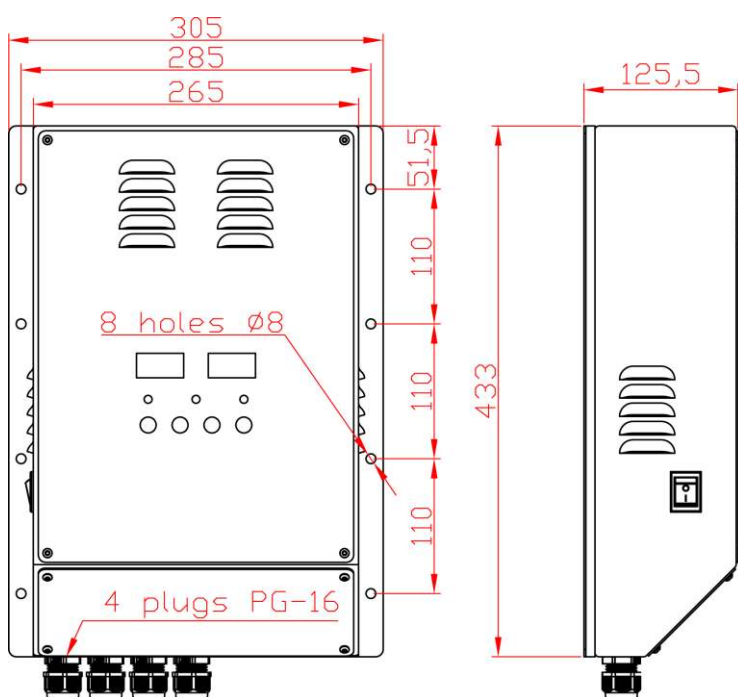
Automatic overload and short circuit protection.

## Approvals:



Type approval certificate of Russian Maritime Register Of Shipping

## Overall Dimensions Outline Drawing:



## Device's face panel:

