

HAPAX BC SERIES BATTERY CHARGER

5A – 300A

12 – 24 VDC

- ✓ Wide Power Range for 1P & 3P
- ✓ High Efficiency
- ✓ Easy Maintenance
- ✓ Can be used as a DC Supply
- ✓ Voltage Controlled Automatic Charging System
- ✓ Suitable for Industrial Applications



Standard Features

Low Ripple Factor Charging
User Friendly Display and Mimic Diagram
Optional Extra Protections (DC +/- Ground Leakage Protection, Dry Contact Modbus Communication, Output Dropper Diode and etc...)
Output Overcurrent Protection
Air Cooling
Compact Design

Usage Areas

Vessels and Yachts
Offshore Plants and Shipyards
Rail Systems
Automotive Industry
Power Plants
As a DC Power Supply

Technical Specifications

INPUT	1 Phase / 3 Phase
Input Voltage Tolerance	±10%
Input Frequency	50 - 60 Hz
Power Factor	0,98
Input THDi	<%10
OUTPUT	
Output Current	5A - 300A
Output Voltage	12V - 24V
Ripple	≤1 Ripple
GENERAL	
Operation	Switch Mode Technology
Cooling	Air Cooling
Isolation Voltage	1500 VAC Input / Chassis Bridge, 500 VAC Output / Chassis Bridge, 500 VAC Between Input and Output
Protection Class	IP 20 (Higher IP protection optional)
Colour	RAL 7032 (Other colours optional)
Efficiency	90%
Operating	Ability to set Charge Mode for all Battery Types
Operating Temperature	-20°C~50°C
Storage Temperature	-25°C~60°C
Input / Output Connections	Serial Connector - W Automat
Relative Humidity	<90%, DIN (40040)
Altitude	<2000m
Protection	Input / Output Overtemperature Protection Output Overcurrent Protection - DC High Low - DC Leakage - Mains Failure
Standards	EN 62040 -1
LCD Panel	2 x 16 - 4 x 16 Line
PLC	S71200 - S7300
Communication	Modbus / Profibus / ProfiNET / RS 232 / RS 485 (optional)
Dimensions & Weight	Compact Design Standalone or Rack Type as Option Dimensions and weight may vary depending on customer requirements.