

EEI DC BATTERY CHARGER

FOR AN EASY AND FAST ENERGY STORAGE EXPANSION






DC Battery Charger Series is the solution for integration of battery in Storage Systems and also in Hybrid Systems.

It is designed to offer wide voltage range of battery connection, with dedicated input for each battery rack for the most flexible management of you Energy Storage.

The hallmarks of the DC Battery Charger Series converters are:

- Wide battery voltage range
- Extended energy capacity thanks to modularity and parallel
- Dedicated and independent input for each battery rack
- Battery control via standard communication protocol



- MODULAR**
Easy configuration for all kind of project from small to multi MW 
- ADAPTIVE**
Wide DC voltage range for all type of batteries 
- ADVANCED**
Flexible software configuration allows wide functionalities 
- READY**
In-Built functions for frequency and voltage regulation 
- COMPACT**
300 kW in 600 mm Panel 



MODEL	EEI BC300-H	EEI BC300-X
DC INPUT PARAMETERS		
Rated power	300 kW	285 kW
Input Voltage range	650 ÷ 1000 V	1000 ÷ 1500 V
N° of input	3	1
Max Current per input	170 A	285 A
Max S.C. Current per input	40 kA	40 kA
Output Voltage range	525 ÷ 1000 V	890 ÷ 1500 V

EFFICIENCY		
Maximum	> 98 %	> 98 %

GENERAL DATA		
Dimensions (W / H / D)	600 / 2300 / 600 mm	800 / 2300 / 600 mm
Weight	400 kg	405 kg
Operating temperature range	0°C / +40°C	0°C / +40°C
Max Humidity (non condensing)	95%	95%
Max altitude	asl 2000 m	asl 2000m

PROTECTIONS		
BESS disconnection and protection	MCCB	MCCB
IMD	Optional	Optional

