



Meet the all new next generation of innovative Battery Charger, which has been engineered to meet the requirement of installers and users alike. It is compact in 1 HU height, built with the latest technology for efficient charging, controls and monitoring purpose.

Driven by powerful ARM processor, it works to protect against misconnections, prolonging battery life with its battery monitoring feature and communicates to provide human interaction. RS485 data port is available for external monitoring via PMX II Software and can be readily linked up to LAN through iPX5500 Com Box.

Amperes invites you to experience this innovative product which we had meticulously developed for the convenience of the valued users.

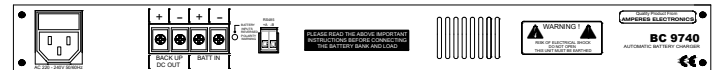
Features

- ▶ Constant DC voltage charging for 24V battery bank
- ▶ 4A initial charging current with reducing rate over charging time
- ▶ Built in surge protection
- ▶ Output short circuit protection
- ▶ Thermal protection against overheating
- ▶ Auto low battery disconnection with LCD indication
- ▶ Battery reversed polarity protection
- ▶ Rear mains switch to avoid unnecessary switching off the unit
- ▶ RS485 communication for remote monitoring via PMX II software

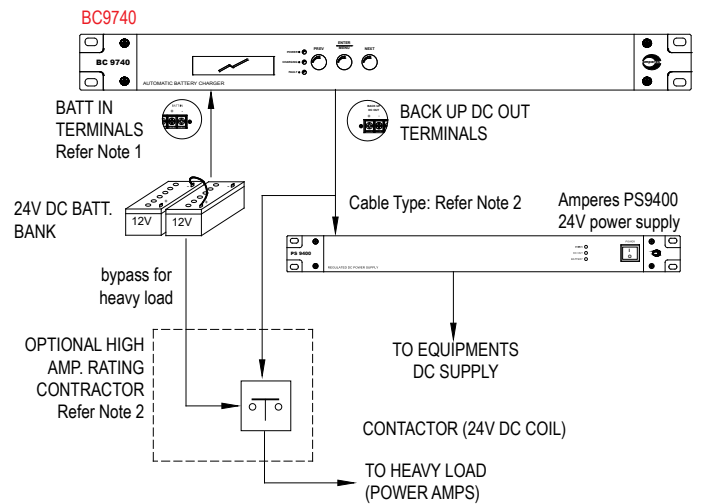
Technical Specifications

Operating voltage	220 - 240V AC
Charging voltage	28.8V DC
Charging current	4A; (max 5A)
Idle power consumption	1.3W
Protections	Low battery auto disconnection, reverse polarity, short circuit
Indications	AC mains, short circuit and low battery
Displays	Charging current Charging voltage Battery voltage Output current Battery reverse polarity
Communication	RS485 out; link to Amperes PMX II LAN via iPX5500 comm. box for remote monitoring
E/M back up Amp rating	25A max (Use external contactor / relay if required)
Terminals	Battery input , EM load
Dimensions (W x H x D)	482 x 44 x 180 mm
Weight	4.15 kg

Rear View:



Application Schematic



Packing information
 Qty per carton : 1 unit
 L x W x H : 555 x 295 x 95 mm
 Weight : 4.9 kg