

POWER SUPPLY AND DISTRIBUTION



24V DC AUTOMATIC BATTERY CHARGER | BC9730

BC9730 is a 24V DC current regulated battery charger with 3.3A capacity, suitable for charging batteries of up to 100Ah. Charging method is constant voltage with reducing current.

5 levels of protections are incorporated to prevent premature failure of batteries, such as battery low voltage cut off, battery disconnect on redundancy and reversed polarity protection circuitry.

FEATURES -

- Constant DC voltage charging for 24V battery bank
- 3A initial charging current with reducing rate over charging time
- Built in surge protection and resettable fuse
- Output short circuit protection
- Thermal protection against overheating
- Auto low battery disconnection with LED indication
- Battery disconnect switch for disengaging battery from charger when system not in used for a longer period
- Battery reversed polarity protection
- Digital Volt and Ammeter
- Rear mains switch to avoid unnecessary switching off the unit

Packing information

Carton : 552 (W) x 163 (H) x 294 (D) mm
Weight : 4.9 kg
Qty : 1 units / carton

TECHNICAL SPECIFICATIONS -

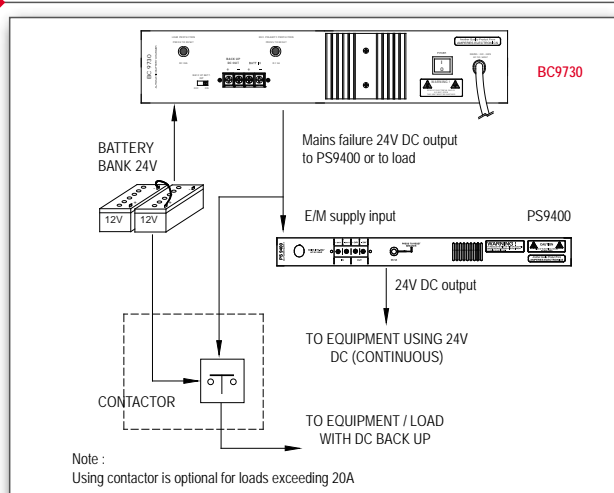
Input voltage	230 / 240V ac
Charging voltage	27.3 ~ 27.8V DC
Charging current	3.3A max with reducing current
No load consumption	30 mW
Max consumption	100W
Protections	Resettable fuse Built in surge suppression Low battery auto disconnection Thermal overheat protection Short circuit protection
Indications	AC mains, charging and low batt.
Displays	Voltage and current
E/M back up rating	25A max Use ext. relay / contactor if reqd.
Terminals	Batt. inputs, EM load
Dimensions (WxHxD)	482 x 88 x 180 mm
Weight	4.1 kg

REGULATED 24V DC POWER SUPPLY | PS9400



PS9400 is a rack mounted 24V DC regulated power pack designed uniquely for PA installations. It comes with built in changeover relay which shall be connected to back up 24V DC to allow continuous and uninterrupted supply to the whole installation whenever the mains failed.

APPLICATION SCHEMATIC -



Packing information

Carton : 552 (W) x 93 (H) x 294 (D) mm
Weight : 3.3 kg
Qty : 1 units / carton

FEATURES -

- 4V DC 4A output switching power supply
- Highly regulated output though mains fluctuates
- Manual reset output circuit breaker protection
- Built in surge and short circuit protection
- Back up battery overriding relay

TECHNICAL SPECIFICATIONS -

Input ac voltage	220 ~ 240V ac
Output voltage	24V +/- 1%
Rating	4A nominal ; max 4.5A
No load consumption	50 mW
Efficiency	83%
Indicators	AC mains, battery input, DC output
Protections	Built in surge protection Short circuit Overload (105% ~ 150%) Over voltage (115% ~ 135%)
Output DC protection	Manual reset circuit breaker
Terminals	Batt input and load ; barrier connector
Dimensions (WxHxD)	482 x 44 x 180 mm
Weight	2.6 kg