



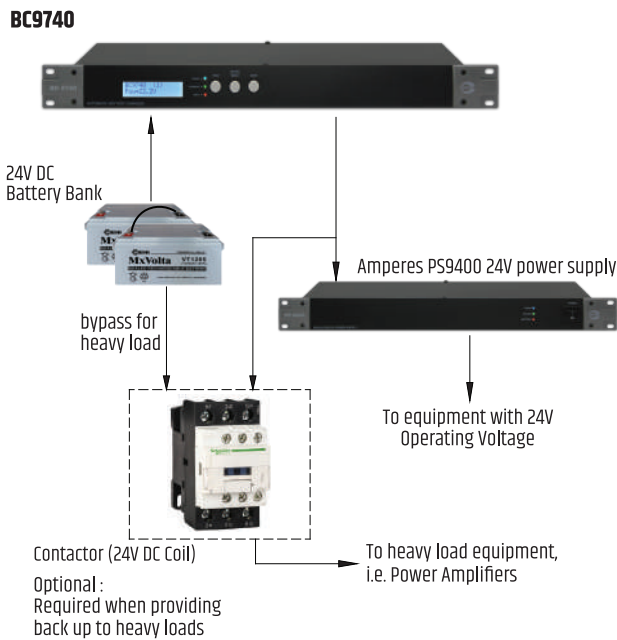
**BC9740** is an innovative battery charger, specially designed for PA installation using 24V DC back up supply. It is compact in size yet highly efficient in charging and remote monitoring via PMX III is available.

Various protection circuits are incorporated such as polarity connection error and low battery cut off protection to prevent immature failure to battery pack.



- **Constant DC** voltage charging for 24 V battery bank
- **4A** initial charging current with reducing rate
- Built in **surge protection**
- Output **short circuit** protection
- **Thermal** cut off against overheating
- Auto **low battery** disconnection with alert
- Battery reversed **polarity** protection
- **RS485** comm port for remote monitoring by PMX III via iPX5500 comm box

**Application Schematic**



**Technical Specifications**

Operating voltage	220 ~ 240V AC
Charging voltage	27.8V DC
Charging current	4A ; (max 5A)
Idle power consumption	1.3W
Protections	Low battery auto disconnection, reverse polarity, short circuit
Indicators	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 III via iPX5500 comm. box for remote monitoring
E/M back up Amp rating	25A max (Use external contractor / relay if required)
Terminals	Battery input, EM load
Dimensions (W x H x D)	482 x 44 x 180 mm
Weight	4.50 kg

**Packing Information**

Carton size : 555 (L) x 295 (W) x 95 (H) mm  
Gross weight : 5.20 kg  
1 unit per carton

