

# SQ9815 PS9400

## 8 Ch Sequential Power Switcher 24V DC Power Supply

## POWER DISTRIBUTION



### SQ9815

Sequential Power Switcher

**SQ9815** is a 8 Ch Sequential Power Switcher, it manages the powering sequence of every equipment in an orderly manner. SQ9815 comes in handy to prevent random power switching of components within a system which may cause premature damage to the equipment. In addition, surge protection at power source minimize potential damage to installed equipment due to spikes in power lines.

- **ON / OFF** sequential switching
- **Lock mode** to avoid accidental switching
- **Cascade** 2 units to form 16 channel setup or 8 to max of 64 channels
- **Remote switching** port via external noiseless contact
- 8 channel with 6A per channel ; total load of 15A with **surge protection**
- **AC output** through IEC connectors with channel isolation via DIP switch
- Ch. 8 with delay **OFF option** for 2 min ; suitable for video projector connection



### Technical Specifications

Operating voltage	220 ~ 240V AC
Power consumption	50 mW (without load)
Output voltage	230 / 240V AC
Max load / channel	6A
Max total load	15A
Output connection	IEC female socket
Max cascade	8 uts :total 64 channels
Surge protection	L-N, L-E, N-E.
Clamping voltage	870V AC
Turn on sequence	Step 1 to 8 incremental
Turn off sequence	Step 8 to 1 decremental
Step timing	2 seconds
Delay off option	Channel 8 via DIP switch
Delay off timer	2 minutes
Switch lock	Via front switch
Indicators	AC mains, Ch. on, Lock
Dimensions (W x H x D)	482 x 44 x 180 mm
Weight	2.80 kg exclude accessories

### Packing Information

Carton size : 555 (L) x 295 (W) x 95 (H) mm

Gross weight : 3.55 kg

1 unit per carton



### PS9400

24V DC Power Supply

### Technical Specifications

Operating voltage	220 ~ 240V AC
Output voltage	24V +/- 1%
Rating	4A nominal ; max 5.5A
No load consumption	50 mW
Efficiency	83%
Indicators	AC mains, battery input, DC output
Protection	Built in surge protection Short circuit Overload (105% ~ 150%) Over voltage (115% ~ 135%)
Output DC protection	Fuse
Terminals	Batt input and load ; barrier connectors
Dimensions (W x H x D)	482 x 44 x 180 mm
Weight	2.35 kg



**PS9400** is a rack mounted 24V DC regulated power supply. It has built in changeover relay which shall be connected to back up 24V DC battery bank to allow continuous and uninterrupted power supply to the whole installation whenever the mains failed.

- 24V DC 4A output **highly regulated** PSU
- Built in **various protections** including output fuse
- **Back up battery** overriding relay

### Packing Information

Carton size : 555 (L) x 295 (W) x 95 (H) mm

Gross weight : 3.00 kg

1 unit per carton





**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.

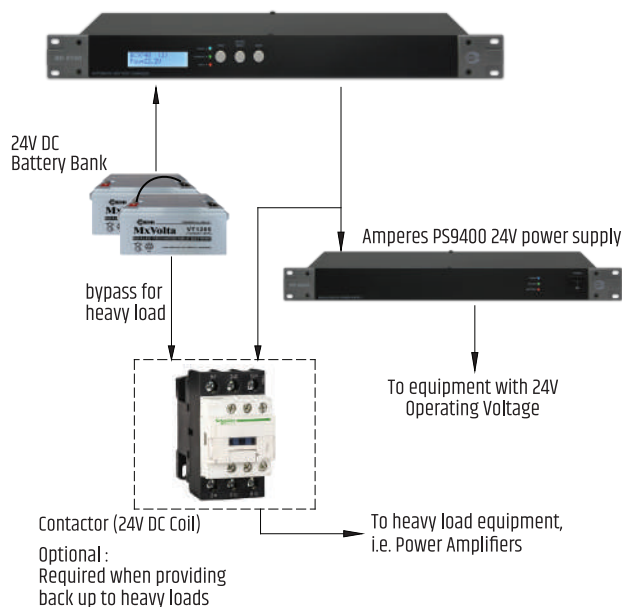
Various protection circuits are incorporated such as polarity connection error and low battery cut off protection to prevent immature failure to battery pack.



- **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

**BC9740**



### 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

