

Wall Mount Systems

2K-4K WATTS - AC/DC 24V, 48V & 110V BATTERY CHARGERS

FEATURES

- World leading power density
- Fully featured industrial grade rectifiers
- Large visible display
- Network monitoring available
- Configurable DC earth leakage detection option
- Optional 175A power connectors for ease of connection
- Hot swappable rectifiers for no break replacement under load
- Easily customized and configured to suit customers individual needs



SPECIFICATIONS

INPUT	
AC voltage	90-300VAC, Single phase with input 32A MCB
Frequency range	45-66Hz
Surge protection	40kA 8/20msec, system type dependant
Power factor	>0.99 (full load)
Termination	Direct MCB termination for L. 10mm ² N, E tunnel terminals
OUTPUT	
Output voltage	See table
Output current	See table
Output power	See table
Polarity	24V negative earth -48V positive earth 110V negative earth
DC distribution	Load, standard max, 8 x 18mm MCB Battery, standard max, 2 x 18mm MCB 2 pole MCB optional
Breaker fail detection	Electronic fuse fail (Auxiliaries optional)
Low voltage disconnect	80A battery LVD fitted as standard on -48V and 24V systems

MECHANICAL

Weight	Approx. 10.5Kg
Dimensions	D, H, W, 620mm x 375mm x 80mm

MONITORING & CONTROL

The standard SM33 supervisory module monitors all power system conditions including DC voltage rectifier current, battery current, battery temperature, and distribution failure. Visual notification of alarm conditions are given by LED's and a 4 line x 16 character alpha numeric display mounted on the front of the SM33, with remote notification being enabled by relay contacts. A front panel USB communications port which allows easy downloading of configuration files for multiple site installations.

The SM34 supervisory module enhances the SM33 features to include RS232 or TCP/IP (using SNMP). It has a built in web based configurator allowing setup of system parameters using a web browser.

SELECTION TABLE

SYSTEM VOLTAGE	VOLTAGE RANGE	OUTUT CURRENT	POWER MAXIMUM
24V DC	21 to 30V	80A	2,140W
-48V DC	43 to 60V	80A	4,000W
110V DC	80 to 155V	27A	3,000W

NOTE: System model number, monitor and DC distribution options consult Powerbox sales