

PCBS-x000W

UPS system for emergency lights

Ordering Guide: PCBS-1000W, PCBS-2000W,
PCBS-3000W, PCBS-4000W

- Compact design of medium size Centrally Supplied Battery System for emergency lights
- Single 1000W, 2000W or twin channels 3000W and 4000W.
- Maintained and Non-maintained outputs
- Designed to meet the requirements of AS/NZ 2293, SS 563 and IEC 60598 standards for centrally supplied emergency lights
- Employs compact and light weight Lithium Iron Phosphate (LiFePO₄) battery bank, with 3-year warranty and design life of **up to** 10 years
- Low power consumption battery charger, with short circuit and overload protection.
- Momentary test function.
- Integral discharge timer for emergency duration testing with auto reset.
- Built in timer logs in the test results automatically
- Fast charger enables the resumption of operations in less than 12 hours after the discharge test (6 hours to 1 hour duration)
- Strong and durable, steel powder coated cabinet, designed to meet IP31 ingress protection



TECHNICAL SPECIFICATIONS

MODEL NO	PCBS-1000W	PCBS-2000W	PCBS-3000W	PCBS-4000W
Mode of Operation	Maintained / Non-Maintained	Maintained / Non-Maintained	Maintained / Non-Maintained	Maintained / Non-Maintained
Mains Supply Voltage	220-240V	220-240V	220-240V	220-240V
Mains Supply Current	< 5A	< 6A	< 12A	< 12A
Number of Output Channels	1	1	2	2
Emergency Supply Voltage	220V	220V	220V	220V
Rated Output Current	5A	9A	1x9A & 1X5A	2x9A
Battery Size	4480 WHr	6720 WHr	1 x 6720 WHr, 1x4480 WHr	2 x 6720 WHr
Battery capacity	20 AHr	30 AHr	1 x 30AHr, 1x20AHr	2 x 30AHr
Battery Type	Lithium Iron Phosphate	Lithium Iron Phosphate	Lithium Iron Phosphate	Lithium Iron Phosphate
Rated Duration	2 hours	2 hours	2 hours	2 hours
IP Class	IP31	IP31	IP31	IP31
Housing Construction	Powder coated galvanised steel	Powder coated galvanised steel	Powder coated galvanised steel	Powder coated galvanised steel
Housing Dimensions (HxWxD)	1200x600x800 mm	1200x600x800 mm	1500x600x800 mm	1500x600x800 mm
Cable Entry	Rear	Rear	Rear	Rear
Relevant Standards	AS2293, SS563, IEC 60598-2-22	AS2293, SS563, IEC 60598-2-22	AS2293, SS563, IEC 60598-2-22	AS2293, SS563, IEC 60598-2-22