

CENTRAL BATTERY UNITS

Designed and manufactured at BLE, our Central Battery Units are designed using quality components. The Units provide a safe, reliable and secure source of emergency power for escape and emergency lighting systems, in a wide variety of installations.



DATA SHEET



Efficient, easily operated unit

Low maintenance costs

Choice of output voltage - 24V, 50V & 100V

Specification

Standard Voltage Range: Sealed Lead Acid Batteries	24V, 48V or 108V
Total Three Hour Load	
Battery Design Life:	10 years

Additional Information

- Meets the requirements of BS EN 50171:2001
- Meets the standards set out in ICEL 1010
- Silicone Controlled Rectifier (SCR) on PLY Units
- Multi-Function Digital Meter (PLY Units only) measuring Charge Current, Discharge Current, Battery Voltage and Mains Voltage
- Housed in a robust steel cabinet, finished in a durable neutral coloured textured finish (RAL 7032)
- Automatic Test Timer, with four selectable time durations – 10 minutes, 1 hour, 2 hours or 3 hours
- High voltage and low voltage alarm
- Low voltage disconnect with zero standby current

Version 2.07/2021



BLE LIGHTING AND POWER LTD
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	Code	3 Hour Duration Loading	Dimensions (W x D x H mm)
Mini Units	PSY24/24/M3	24V DC Voltage - 160W	500 x 250 x 500
	PSY24/36/M3	24V DC Voltage - 250W	500 x 250 x 500
	PSY24/65/M3	24V DC Voltage - 400W	500 x 250 x 500
24V Units	PLY24/24/M3	24V DC Voltage - 160W	650 x 450 x 850
	PLY24/36/M3	24V DC Voltage - 250W	650 x 450 x 850
	PLY24/65/M3	24V DC Voltage - 450W	650 x 450 x 850
	PLY24/100-2/M3	24V DC Voltage - 620W	650 x 450 x 850
48V Units	PLY48/24/M3	48V DC Voltage - 320W	650 x 450 x 850
	PLY48/36/M3	48V DC Voltage - 500W	1000 x 500 x 1250
	PLY48/65/M3	48V DC Voltage - 900W	1000 x 500 x 1250
	PLY48/100-2/M3	48V DC Voltage - 1240W	1000 x 500 x 1250
108V Units	PLY108/24/M3	108V DC Voltage - 720W	1000 x 500 x 1250
	PLY108/36/M3	108V DC Voltage - 1125W	1000 x 500 x 1250
	PLY108/65/M3	108V DC Voltage - 2025W	1000 x 500 x 1250
	PLY108/100-2/M3	108V DC Voltage - 2790W	1000 x 500 x 1250

1 Hour Duration Available on Request

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