

LPS 275-750W

OVERVIEW

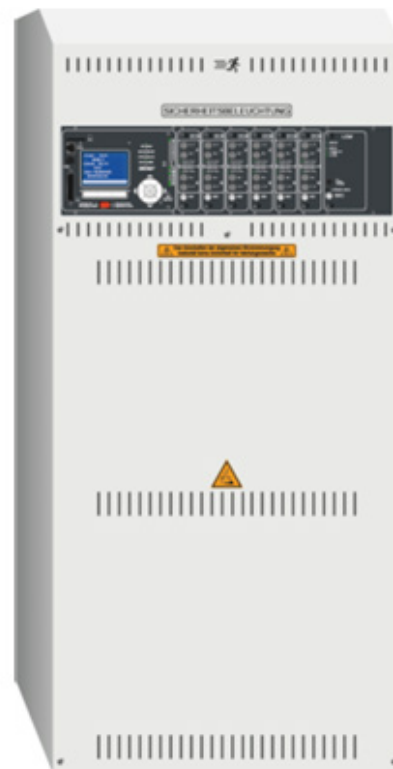
The Low Power System (LPS) products are designed to offer a range of standardised 'off the shelf' central battery solutions. The LPS range is based around a 230V AC/DC central battery system with output power ranging from 275W to 750W at 3hr duration.

The LPS range is fully compliant with BS EN 50171 and options are available for either circuit or luminaire monitoring. Full reporting, test history and scheduled test dates are all available via the user interface.

As the LPS is a 230V AC/DC system almost all LED drivers are compatible and if fixed output drivers are used then the system will provide the full 100% output in emergency mode.

The systems have the added benefit that the luminaire output in emergency mode can be adjusted with most DALI LED Drivers. Generally DALI drivers are preset to 15% output when a DC voltage applied, but this can be tuned to the required output level depending on the application. This means the LPS battery size can be optimized and light levels can be adjusted for specific needs for different areas.

For a complete central battery solution, ELP are able to provide a full range of emergency luminaires that can be that can be connected to an LPS



Emergency Lighting Products Limited
Parbrook House, Cillmans Industrial Estate,
Natts Lane Billingshurst, West Sussex RH14 9EZ

Telephone: +44 (0) 1403 786601
Fax: +44 (0) 1403 786602
e-mail: sales@elp.uk.com

Safe in the knowledge
elp.uk.com

LPS 275-750W

TECHNICAL DATA

	LPS/275	LPS/400	LPS/535	LPS/750
Slots 19°	4	7	7	7
No. of included mains circuits	6	6	8	8
Maximum number of luminaires/circuit	20	20	20	20
Charging unit included	Yes	Yes	Yes	Yes
3 phase mains monitor included	Yes	Yes	Yes	Yes
IO module included	Yes	Yes	Yes	Yes
Networked	Yes	Yes	Yes	Yes
Connection Substation/Subdistribution	No	No	No	No
Battery compartment included	Yes	Yes	Yes	Yes
Max. load 1h	691 W	903 W	1339 W	1944 W
Max. load 3h	276 W	401 W	536 W	755 W
Max. load 8h	104 W	164 W	230 W	339 W
Input Voltage AC	230 V	230 V	230 V	230 V
Input Frequency Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Output voltage AC	230 V	230 V	230 V	230 V
Output voltage DC	216 V	216 V	216 V	216 V
Material	Steel sheet	Steel sheet	Steel sheet	Steel sheet
Colour	RAL 7035	RAL 7035	RAL 7035	RAL 7035
Mechanical rating IP	20	20	20	20
Protection class	1	1	1	1
Length	230mm	230mm	230mm	230mm
Width	350mm	500mm	500mm	500mm
Height	660mm	1,100mm	1,100mm	1,100mm
Customs tariff number	85371098	85371098	85371098	85371098
Country of origin	Germany	Germany	Germany	Germany

ORDER CODES	Description
LPS/275	275W 230V AC/DC Central Battery
LPS/400	400W 230V AC/DC Central Battery
LPS/535	535W 230V AC/DC Central Battery
LPS/750	750W 230V AC/DC Central Battery

Emergency Lighting Products Limited
 Parbrook House, Cillmans Industrial Estate,
 Natts Lane Billingshurst, West Sussex RH14 9EZ

Telephone: +44 (0) 1403 786601
 Fax: +44 (0) 1403 786602
 e-mail: sales@elp.uk.com

Safe in the knowledge
elp.uk.com

