ACCUPRO®

FEATURES

INTENDED USE

Specification grade fluorescent battery pack operates one or two lamps (4' or shorter) or one 8' lamp. Factory or field installed within fluorescent fixture ballast channel. Upon interruption of normal power, battery pack automatically strikes and operates at reduced light output, providing optimum glare-free illumination for 90 minutes.

CONSTRUCTION

Durable thermoplastic/metal housing resists impact, scratches and corrosion. UL94V-0 flame rating.

Reduced-profile footprint fits in the tightest applications.

Polarized quick-connect pilot light/test switch assembly simplifies installation.

Pilot light and test switch provide visual and manual means of monitoring system operation.

U.S. Patent No. 6,522,147; 5,814,971; 6,577,136; D550,154

PERFORMANCE

Operates one or two 2' – 4' fluorescent T8 – T12 lamps, one 2' – 4' fluorescent T5, T8, or T12, HO, long compact (biax) lamp or one 6' – 8' fluorescent T8 – T12 lamp for 90 minutes. Compatible with T8 and T5 electronic, T12 magnetic, instant start, rapid start, and slimline ballasts.

BATTERY

Sealed, maintenance-free, high-temperature nickel-cadmium battery ensures long life over wide temperature ranges.

Automatic battery recharge after 90-minute discharge. Fully charged after 72 hours.

ELECTRONIC

Dual-voltage input capability (120V or 277V).

Constant current-type charger. Capacitive input circuit provides high efficiency and reliable operation.

High-efficiency push-pull inverter is the most effective method of converting DC power to AC power. It provides maximum light output, battery life and reliability.

INSTALLATION

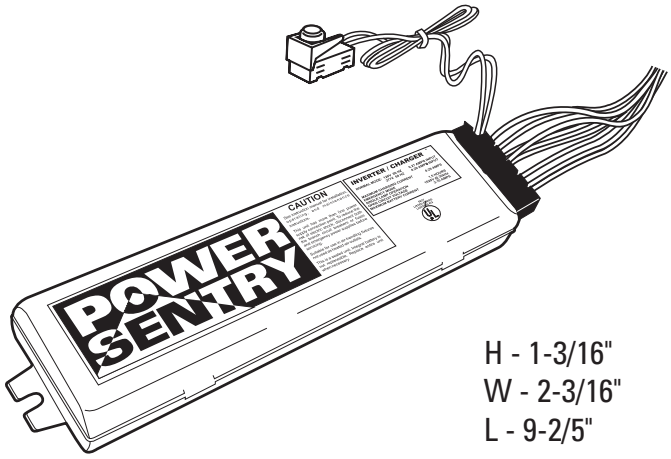
Patented QUICK-DISCONNECT connector system allows for quick and easy replacements at end of life without rewiring (not available with DW option).

Mounts concealed within fixture wireway for clean appearance and protection against vandalism. Two ½" holes in fixture channel permit mounting of test switch/pilot light behind fixture lens.

Compact size (9.4" L x 2.19" W x 1.18" H) fits in a variety of fluorescent fixtures: troffers, volumetric recessed, industrials, commercials and strips.

600 Lumen Reduced-Profile Emergency Ballast

PS600QD



H - 1-3/16"
W - 2-3/16"
L - 9-2/5"

Unit wires two ways: on night light circuit (permanently energized) or on switchable circuit (unswitched circuit to battery charger and switched circuit to the fixture ballast). Unit will strike normally off lamp.

Unit mounting centers are identical to a standard ballast.

LISTING

UL listed. Meets UL 924, NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards.

Standard unit is UL approved for installation in sealed and gasketed fixtures.

WARRANTY

Five-year warranty.

ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold).**

Example: PS600QD SD

PS600QD

Designation		Options	
PS600QD	Reduced-profile emergency ballast with Quick Disconnect	SD	Self-diagnostics①

*Accessories*②

Order as separate items.

ELA TSPLP	Remote or replacement test switch pilot light; Mounts up to 25' away from fixture
ELA TSPLPSD	Remote or replacement test switch pilot light for self-diagnostics; Mounts up to 25' away from fixture
ELA PSRME	Remote mounting enclosure
ELA PSMKSD	External mounting kit for self-diagnostics module
PSSD	**Field-installable self-diagnostic module**

NOTES:

① Self-diagnostics (PSSD) module ships separately. See PSSD Inverter Accessory spec sheet for details on self-diagnostics module.

② See Inverter Accessories specification sheets for details on other compatible devices.

PS600QD Emergency Ballast

SPECIFICATIONS

BATTERY

Sealed Nickel-Cadmium

Voltage	Shelf Life①	Expected Life①	Maintenance	Optimum Temp②
4.8	3 years	7-9 years	none③	32-100°F

Notes:

① At 77°F.

② Optimum ambient temperature range where unit will provide capacity for 90 minutes. Higher and lower temperatures affect life and capacity. Consult factory for detailed information.

③ All life safety equipment, including emergecny lighting for path of egress must be maintained, serviced and tested in accordance with all National Fire Protection Association (NFPA) and local codes. Failure to perfrom the required maintainence, service or testing could jeopardize the safety of occupants and will void all warranties.

ELECTRICAL

Maximum AC Input		
Volts	Amps	Watts
120	.29	3.0
277	.29	3.0

LAMP COMPATIBILITY

Type	Descriptions	Length	Wattage	No. of Lamps
Linear	T5/T5HO	24"-48"	14-54	1
	T8/T12	24"-48"	16-40	1 or 2
	T8/T12	60"-96"	40-75	1 or 2
	T12 HO/VHO	24"-96"	35/215	1
CFL (4-pin)	Twin-Tube	N/A	9-55	1
	Quad-Tube	N/A	13-26	1
	Triple-Tube	N/A	18-32	1
	Triple-Tube	N/A	42	1
Other	T9	Circuline	20-40	1
	2D	2D	28-38	1

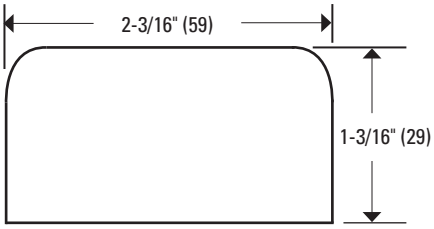
RECOMMENDED SPACING

One Footcandle Average Spacing Guidelines: PS600QD

	2GT8332	2SP8332	2PM3N332	2AV332	2PMO332
Open Office 2x4	32	35	34	26	35
Corridor 2x4	40	43	53	34	40
Open Office 2x2	32	33	29	29	28
Corridor 2x2	39	40	35	29	28

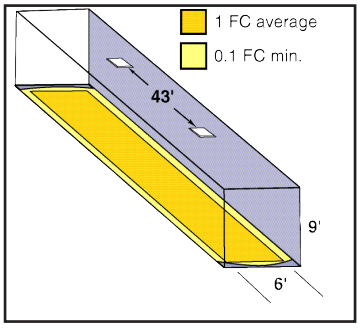
MOUNTING

All dimensions are inches (millimeters).



Cross section end view
Length: 9.40 inches (238.76 mm).
Shipping weight: 1.5 lbs (0.68 kg).

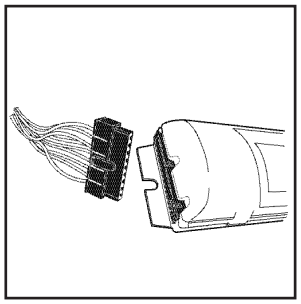
Corridor Spacing



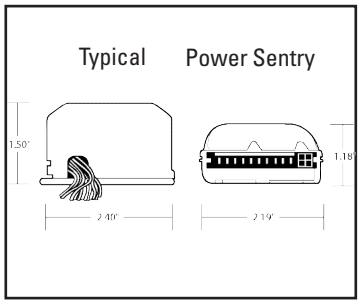
Emergency Battery: PS600QD
Fluorescent Fixture: Lensed Troffer
Lamp Type: F32T8

Meets Life Safety Code standard minimum illuminance of 0.1FC and average illuminance of 1.0FC. Assumes 3 T8 lamps in each fixture, 8'Wx100'L corridor, 6-foot wide path of egress, ceiling height 9' and reflectances of 80/50/20.

KEY FEATURES

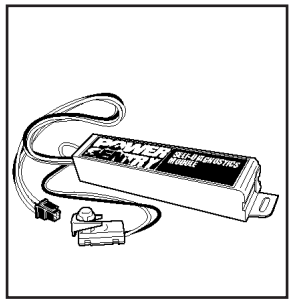


New Quick-Disconnect wiring system.



New reduced-profile design fits in the tightest of applications.

KEY OPTIONS



Self-diagnostics module.

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Sheet #: PS600QD