



Overview

These LSP Honeywell wall mount models are dual voltage access power systems, with optional precision wiring for Honeywell ProWatch PW7K controllers. Unified Power systems include a predrilled backplate for mounting of Honeywell ProWatch controllers within the power system enclosure. ProWire systems add wiring for controller power, lock control wiring, RS485, tamper switch, and power supply faults. ProWire enables the specification and installation of **standardized access power equipment** across an enterprise for uniform operation, maintenance and servicing.

The C8P or M8P control modules provide access control inputs capable of voltage or dry contact activation, and outputs programmable for failsafe / failsecure operation at either 12 or 24 VDC and controlled by the power supply fire alarm interface. The four additional outputs may be used for powering REX or other auxiliary devices.

ProWire and Unified Power enclosures are painted steel with removable backplate, lock, keys and tamper switch and come 100% factory tested – ready for final panel installation and field wire termination.

Unified Features

- ♦ Integrated power & access
- ♦ 120 or 230VAC input
- ♦ SLA or LiFePO4 battery charging
- ♦ Aux & lock power outputs


ProWire Features

- ♦ Factory installed wiring harness
- ♦ System power / locks / RS485 / tamper
- ♦ Screwdriver ready panel installation
- ♦ Point to point wiring documentation

Managed Features

- ♦ **Monitor:** ac power, system faults, service due
- ♦ **Control:** device power cycle, remote battery test
- ♦ **Predict:** battery life, lock replacement
- ♦ **Report:** 1000 event log, fault analysis

Model Selector

Enclosure	Type	Standard Model	Managed Model	Outputs	Pre-wired for	Pattern
RGH R2U Rackdrawer 3.5 x 19 x 20	UNIFIED	RGH75B-C8PZ	RGH75B-M8PNZ	8 Control		
	PROWIRE	RGH75B-C8PZ/T4-C	RGH75B-M8PNZ/T4-C	8 Control	PW7K11C / PW7K1R2	
		RGH75B-C8PZ/T4-D	RGH75B-M8PNZ/T4-D	8 Control	PW7K1R2	

PROWIRE:
Models listed available in tie wrap only
(T4-x wiring option)

Power Distribution:
Standard systems use C8P control outputs
Managed systems use M8P managed control outputs



Scan QR code for short video tutorial on LSP power distribution features

Model Number Nomenclature

Power Supplies

RGH75B

Power rating
FP075 2A/24V 50W lock power
B100 2A/12V 25W system power

Accessory Boards & Encl

C8P Z

Power Distribution
 C8, M8 (fused)
 C8P, M8P (ptc)

R2U Enclosure
 Z wire mgmt bracket

Wiring Option

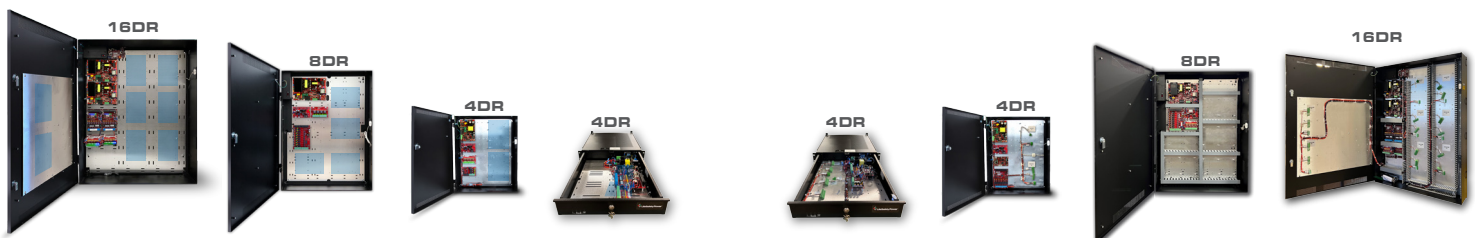
T4-C

T4 Tie Wrap 4DR



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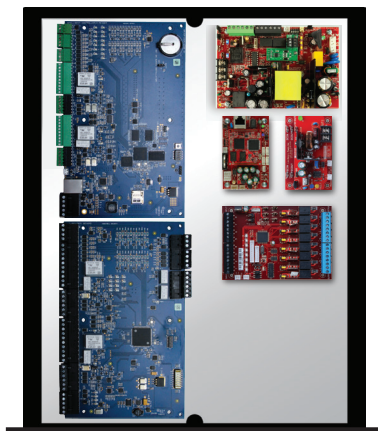


System Specifications

Power Supplies	FP075	Power supply board, 2A/24V	
	B100	Secondard voltage module, 2A/12V class 2 power limited Input 120/230VAC 50/60Hz 83 Watts (0.69A) Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect	
Battery Charging		Independent built-in charger for sealed lead-acid or gel type batteries Microprocessor dual rate charging of 12 or 24V battery sets Automatic switchover to standby battery when AC fails Zero voltage drop when switched over to battery backup	
Supervision		AC Fault (form "C" contacts) System Fault (form "C" contacts) System Fault conditions: Low or no battery short to earth ground power supply failure	
Distribution Modules	C8P	8 relay lock control outputs, class 2 power limited at 2.5A per output	
	M8P	8 relay managed outputs, class 2 power limited at 2.5A per output	
Network Management	NL4	Four port module. Monitors and reports power supply status. Tests and reports battery health status	
	M8P	Monitors eight (8) individual outputs. Remote reset each output. Set window thresholds for voltage & current	
Enclosure	RGH	Size: R2U 3.50H x 19.00W x 20.00D in. (9.00 x 481.00 x 36.00 cm) Weight: 19 lbs.	
Wiring Suffix	T4-C	T = Tie Wrap 4 = Door Count C = pre-wired for PW7K11C / PW7K1R2	
	T4-D	T = Tie Wrap 4 = Door Count D = pre-wired for All PW7K1R2	
Regulatory Compliance	UL / ULC	UL294, ULC S319	International
	CSA / FCC	CSA C22.2 #107.1 FCC Part 15, CSFM	CE, BIS, NOM, UKCA, RCM

Backplate Layout

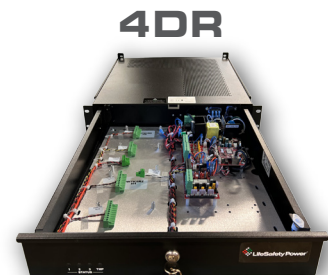
RGH R2U 19 X 20 x 3.5



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