

4 Door Access Power

Honeywell Integrated Access Systems Dual Voltage / Standard / Managed

UNIFIED POWER<sup>®</sup> | PROWIRE<sup>®</sup>

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### **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 and tamper switch and come 100% factory tested - ready for final panel installation and field wire termination.

Unified Features	ProWire Features	Managed Features
<ul> <li>Integrated power &amp; access</li> </ul>	• Factory installed wiring harness	• Monitor: ac power, system faults, service due

- + 120 or 230VAC input
- SLA or LiFePO4 battery charging
- · Aux & lock power outputs
- · System power / locks / RS485 / tamper
- Screwdriver ready panel installation
- Point to point wiring documentation

- · Control: device power cycle, remote battery test
- · Predict: battery life, lock replacement
- · Report: 1000 event log, fault analysis

video tutorial on LSP

power distribution features

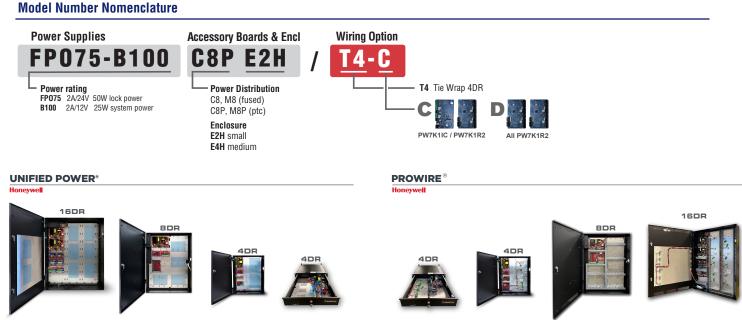
### **Model Selector**

Enclosure	Туре	Standard Model	Managed Model	Outputs	Pre-wired for	Pattern
E2H Small Enclosure 20 x 16 x 4.5	UNIFIED	FP075-B100C8PE2H	FP075-B100M8PNL4E4H	8 Control		
	PROWIRE	FP075-B100C8PE2H/T4-C	FP075-B100M8PNL4E4H/T4-C	8 Control	PW7K1IC / PW7K1R2	
		FP075-B100C8PE2H/T4-D	FP075-B100M8PNL4E4H/T4-D	8 Control	PW7K1R2	
E4H Medium Enclosure 24 x 20 x 6.5	UNIFIED	FP075-B100C8PE4H	FP075-B100M8PNL4E4H	8 Control		
	PROWIRE	FP075-B100C8PE4H/T4-C	FP075-B100M8PNL4E4H/T4-C	8 Control	PW7K1IC / PW7K1R2	
		FP075-B100C8PE4H/T4-D	FP075-B100M8PNL4E4H/T4-D	8 Control	PW7K1R2	

Standard systems use C8P control outputs

Managed systems use M8P managed control outputs

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



### **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			
Dottomy Chorging		Polarized AC power supply disconnect Independent built-in charger for sealed lead-acid or gel type batteries			
Battery Charging		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	E2H	Size: 20.00H x 16.00W x 4.50D in. (41.00 x 51.00 x 11.00 cm)   Weight: 18 lbs.			
	E4H	Size: 24.00H x 20.00W x 6.50D in. (61.00 x 50.00 x 16.50 cm)   Weight: 28 lbs.			
Wiring Suffix	T4-C	T = Tie Wrap 4 = Door Count C = pre-wired for PW7K1IC / PW7K1R2			
	T4-D	$\mathbf{T}$ = Tie Wrap $4$ = Door Count $\mathbf{D}$ = pre-wired for All PW7K1R2			
Dogulatory Compliance	UL / ULC	UL294, ULC S319 International			
Regulatory Compliance					

**Backplate Layout** 







# UNIFIED POWER®

### Honeywell



### **PROWIRE**<sup>®</sup>

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### LifeSafety Power

10027 S. 51st Street, Suite 102 Phoenix, AZ 85044 USA PH 888-577-2898 info@lifesafetypower.com P01-1100A 07/23 LifeSafety Power warrants to the original purchaser only that all products will be free from defects in material or workmanship at time of shipment. This warranty is non-transferable. Our obligation under this warranty is limited to repair or replacement, at the sole discretion of LifeSafety Power, of products that are defective in material or workmanship at the time of shipment provided they were used within the specified ratings and installed in accordance with accepted engineering practices. Products in the Unified Wired Systems Classification will be wired to the LifeSafety Power description of operation unless otherwise stated. At the time of installation it is the obligation of the purchaser or final installer to verify that all wired terminations provide the desired operation. In no event shall LifeSafety Power be responsible for any special, incidental or consequential damages even if LifeSafety Power has been advised of the possibility of such damages. Customer hereby agrees to indemnify LifeSafety Power for and hold LifeSafety Power harmless from and against any and all loss, cost or expense (including reasonable attorneys' fees) directly or indirectly related to any claim with respect to Unified Wired™ systems classification products except to the extent any such claim shall result from the gross negligence or willful misconduct of LifeSafety Power.