

8 Door Access Power

Honeywell Integrated Access Systems Dual Voltage / Standard / Managed

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

# ₀⊕₀s \$F C € @ \$B ĽK ∯-₩ & ₩

#### **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 C8 or M8 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 D8P modules provide auxiliary outputs. In dual voltage systems, each output is configurable for 12 or 24VDC operation.

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		
Integrated power & access	Factory installed wiring harness	• Monitor: ac power, system faults, service due		
<ul> <li>120 or 230VAC input</li> </ul>	<ul> <li>System power / locks / RS485 / tamper</li> </ul>	Control: device power cycle, remote battery test		
<ul> <li>SLA or LiFePO4 battery charging</li> </ul>	<ul> <li>Screwdriver ready panel installation</li> </ul>	<ul> <li>Predict: battery life, lock replacement</li> </ul>		
<ul> <li>Aux &amp; lock power outputs</li> </ul>	<ul> <li>Point to point wiring documentation</li> </ul>	• <b>Report:</b> 1000 event log, fault analysis		

Optional preinstalled Panduit wire management

#### **Model Selector**

Enclosure	Туре	Standard Model	Managed Model	Outputs	Pre-wired for	Pattern	
E6H Medium Enclosure 30 x 23 x 6.5	UNIFIED	FP0150-B100C8D8PE6H	FP0150-B100D8PM8NL4E6H	8 Aux / 8 Control			
	PROWIRE	FP0150-B100C8D8PE6H/P8-C	FP0150-B100D8PM8NL4E6H/P8-C	8 Aux / 8 Control	PW7K1IC / PW7K1R2		
		FP0150-B100C8D8PE6H/P8-D	FP0150-B100D8PM8NL4E6H/P8-D	8 Aux / 8 Control	PW7K1R2		
E8H Large Enclosure 36 x 30 x 6.5	UNIFIED	FP0150-B100C8D8PE8H	FP0150-B100D8PM8NL4E8H	8 Aux / 8 Control			
	PROWIRE*	FP0150-B100C8D8PE8H/P8-C	FP0150-B100D8PM8NL4E8H/P8-C	8 Aux / 8 Control	PW7K1IC / PW7K1R2		
		FP0150-B100C8D8PE8H/P8-D	FP0150-B100D8PM8NL4E8H/P8-D	8 Aux / 8 Control	PW7K1R2		
PROWIRE:	(De x Denduit e	Power Dist	tribution:		Scan QR code for short		

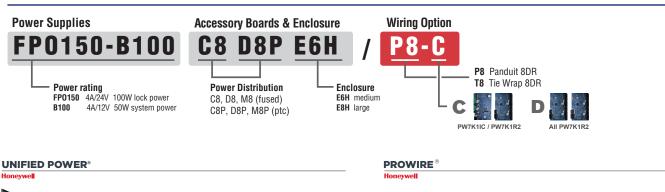
Models listed are /**P8-x** Panduit cable management For Tie wrap order as "/**T8-x**"

**Model Number Nomenclature** 

Standard systems use D8P auxiliary outputs and C4 control outputs Managed systems use M8P managed control outputs



video tutorial on LSP power distribution features



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### **System Specifications**

Power Supplies	FP0150	Power supply board, 4A/24V			
	B100	Secondard voltage module, 4A/12V class 2 power limited			
		Input 120/230VAC 50/60Hz   170 Watts (1.42A)			
		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	D8P	8 auxiliary outputs, class 2 power limited at 2.5A per output			
	C8	8 relay lock control outputs, fused at 3A per output			
	M8	8 relay managed outputs, fused at 3A per output			
Network Management	NL4	Four port module. Monitors and reports power supply status. Tests and reports battery health status			
	M8	Monitors eight (8) individual outputs. Remote reset each output. Set window thresholds for voltage & current			
Enclosure	E6H	Size: 30.00H x 23.00W x 6.50D in. (76.00 x 58.00 x 16.50 cm)   Weight: 45 lbs			
	E8H	Size: 36.00H x 30.00W x 6.50D in. (91.00 x 76.00 x 16.50 cm)   Weight: 65 lbs			
Wiring Suffix	T8 / P8-C	<b>T</b> = Tie Wrap <b>P</b> = Panduit <b>8</b> = Door Count <b>C</b> = pre-wired for PW7K1IC / PW7K1R2			
	T8 / P8-D	T = Tie Wrap P = Panduit B = 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** 



#### **E8H** 36 X 30



## UNIFIED POWER®

## Honeywe



# **PROWIRE**<sup>®</sup>

Honeywell



#### LifeSafety Power

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