



Software House PSX Power Solutions Pre-Wired Systems



PSX-WISU16-E8S

Key Benefits

- Provides uniform installations across an enterprise
- One enclosure, one AC drop, network-ready
- Standard or network managed option – capable of integrating with C-CURE 9000
- Enables operational efficiencies and global standards
- Tie wrap or panduit wire duct cable management option
- UL & CE certified
- Customized design and high reliability operation
- Available for 120V AC or 230V AC

Standardized, Uniform Installations

Software House PSX Power Solutions pre-wired systems provide three-to-one integration, saving space and cost while enabling operational efficiencies and global standards across the enterprise. These systems offer a faster installation, and easier maintenance and troubleshooting. The pre-wired all-in-one systems include wire harnesses for panel power, lock control, fault and tamper switches with preinstalled connectors for iSTAR boards, resulting in a complete and ready to install system.

The pre-wired systems come with ready to mount GCM and ACM boards and are available in 120V or 230V AC versions with tie wrap and panduit cable management options. The network managed systems monitor input and output power, faults, batteries and individual lock outputs while providing auto-testing and reporting of battery standby. Managed systems are also able to integrate into C-CURE 9000 for seamless monitoring and control of the power system.

Specifications

Physical	
Dimensions (H x W x D)	PSX-E4S: 61 x 50 x 12 cm (24 x 20 x 4.5 in) PSX-E8S: 91 x 76 x 12 cm (36 x 30 x 4.5 in)
Weight	PSX-E4S: 13.6kg (30 lbs) PSX-E8S: 31.8kg (70 lbs)
Power Supplies	
PSX-75	75W Power Supply Board 6A/12V or 3A/24V
PSX-150	150W Power Supply Board 12A/12V or 6A/24V
PSX-250	250W Power Supply Board 20A/12V or 10A/24V
Battery Charging	
Charger	Independent built-in charger for sealed lead-acid or gel type batteries Microprocessor dual rate charging of 12V or 24V battery sets
Standby	Auto switchover to battery when AC fails Zero voltage drop (when switched over to battery backup)
Supervision	
AC Fault	Form "C" contacts
SYS Fault	Form "C" contacts (low or no battery, short to earth ground, power supply fail)
Distribution Modules	
PSX-D8P	8 auxiliary outputs, Class II power limited at 2.5A per output
PSX-C8	8 relay lock control outputs, fused at 3A per output
PSX-M8	8 relay managed outputs, fused at 3A per output
Network Management	
PSX-NL4	Four-port module; Monitors and reports power supply status; Tests and reports battery health status
PSX-M8	Monitors 8 individual outputs; Remote reset each output; Set window thresholds for voltage & current (Requires PSX-NL4)
Regulatory Compliance	
UL/cUL	UL294, UL/cUL1076, ULC S319
CSA/FCC	CSA C22.2 #107.1 FCC Part 15, CSFM

Ordering Information

PSX Wired Systems - Dual Wall-Mounted Models, Pre-Wired 8-Reader iSTAR Ultra SE Boards FAI, Low Battery Disconnect, Smart Battery Charger

Model Number	Description
PSX-WISU08-E4S	75/150W, Wired for 8 reader iStar Ultra, 8 Aux Outputs, 120VAC
PSX-WISU08-E4SN	75/150W, Wired for 8 reader iStar Ultra, Network Connected, 8 Aux Outputs, 120VAC
PSX-WSE08-E4S	75/150W, Wired for 8 reader iStar Ultra SE, 8 Lock Outputs, 8 Aux Outputs, 120VAC
PSX-WSE08-E4SN	75/150W, Wired for 8 reader iStar Ultra SE, 8 Network Managed Outputs, 8 Aux Outputs, 120VAC
PSX-WISU08-E4SE	75/150W, Wired for 8 reader iStar Ultra SE, 8 Aux Outputs, 230VAC
PSX-WISU08-E4SNE	75/150W, Wired for 8 reader iStar Ultra SE, Network Connected, 8 Aux Outputs, 230VAC
PSX-WSE08-E4SE	75/150W, Wired for 8 reader iStar Ultra SE, 8 Lock Outputs, 8 Aux Outputs, 230VAC
PSX-WSE08-E4SNE	75/150W, Wired for 8 reader iStar Ultra SE, 8 Network Managed Outputs, 8 Aux Outputs, 230VAC

PSX Wired 16 Reader Systems - Dual Power Supply/Battery Charger, Wall Mounted Models, Pre-wired for iStarUltra/SE Boards

FAI, Low Battery Disconnect, Smart Battery Charger

Model Number	Description
PSX-WISU16-E8S	150/250W, Wired for 16 reader iStar Ultra, Tie Wrap, 16 Aux Outputs, 120VAC
PSX-WISU16-E8SN	150/250W, Wired for 16 reader iStar Ultra, Tie Wrap, Network Connected, 16 Aux Outputs, 120VAC
PSX-WSE16-E8S	150/250W, Wired for 16 reader iStar Ultra SE, Tie Wrap, 16 Lock Outputs, 16 Aux Outputs, 120VAC
PSX-WSE16-E8SN	150/250W, Wired for 16 reader iStar Ultra SE, Tie Wrap, 16 Network Managed Outputs, 16 Aux Outputs, 120VAC
PSX-WISU16-E8SE	150/250W, Wired for 16 reader iStar Ultra SE, Tie Wrap, 16 Aux Outputs, 230VAC
PSX-WISU16-E8SNE	150/250W, Wired for 16 reader iStar Ultra SE, Tie Wrap, Network Connected, 16 Aux Outputs, 230VAC
PSX-WSE16-E8SE	150/250W, Wired for 16 reader iStar Ultra SE, Tie Wrap, 16 Lock Outputs, 16 Aux Outputs, 230VAC
PSX-WSE16-E8SNE	150/250W, Wired for 16 reader iStar Ultra SE, Tie Wrap, 16 Network Managed Outputs, 16 Aux Outputs, 230VAC
PSX-WPISU16E8S	150/250W, Wired for 16 reader iStar Ultra, Panduit, 16 Aux Outputs, 120VAC
PSX-WPISU16E8SN	150/250W, Wired for 16 reader iStar Ultra, Panduit, Network Connected, 16 Aux Outputs, 120VAC
PSX-WPSE16E8S	150/250W, Wired for 16 reader iStar Ultra SE, Panduit, 16 Lock Outputs, 16 Aux Outputs, 120VAC
PSX-WPSE16E8SN	150/250W, Wired for 16 reader iStar Ultra SE, Panduit, 16 Network Managed Outputs, 16 Aux Outputs, 120VAC

About Johnson Controls

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat.

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