

# SCLASS

## Integrated SWH power systems

All-in-one power solutions for 8 and 16 door Software House iSTAR access controllers. Single, Dual Voltage / Networked.

[SCLASS Product Guide](#)



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Standard SWH Power

Doors	Single Voltage	Current/Voltage	Enclosure	
8	<a href="#">FPO75-D8E4S</a>	6A/12V	24Hx20Wx6.5D	8 aux
16	<a href="#">FPO150-2D8E6S</a>	12A/12V	30Hx23Wx6.5D	16 au
16	<a href="#">FPO150-2D8E8S</a>	12A/12V	36Hx30Wx6.5D	16 au
Doors	Dual Voltage			
8	<a href="#">FPO75/150-C8D8E4S</a>	6A/12V and 6A/24V	24Hx20Wx6.5D	8

16	<a href="#">FPO150/250-2D8E6S</a>	12A/12V and 10A/24V	30Hx23Wx6.5D
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16	<a href="#">FPO150/250-2C82D8E8S</a>	12A/12V and 10A/24V	36Hx30Wx6.5D
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8	<a href="#">FPO75/150-D8E4S</a>	6A/12V and 6A/24V	24Hx20Wx6.5D
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16	<a href="#">FPO150/250-2D8E8S</a>	12A/12V and 10A/24V	36Hx30Wx6.5D
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Managed SWH Power Doors	<b>Dual Voltage</b>		
4	<a href="#">FPO75-B100M8NL4E4S</a>	2A/12V and 2A/24V	24Hx20Wx6.5D

8	<a href="#">FPO150-B100D8M8NL4E4S</a>	4A/12V and 4A/24V	24Hx20Wx6.5D
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16	<a href="#">FPO150/250-2D82M8NL4E8S</a>	12A/12V and 10A/24V	36Hx30Wx6.5D
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Enclosures

4-8	<a href="#">E4S</a>	24Hx20Wx6.5D
16	<a href="#">E8S</a>	36Hx30Wx6.5D

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### Integrated Access & Power

- SCLASS all-in-one systems put power and ISTAR™ Pro or ULTRA panels in one secure locking enclosure
- One AC drop minimizes wall space, simplifies installation, reduces time & labor costs

- FlexPower™ modularity & SCLASS versatility create unlimited system configurations
- Network options for diagnostic monitoring and reporting of power, battery and connected devices

### Labor Saving Enclosure Design

- Factory pre-wired power section saves configuration time
- Removable back plate simplifies controller wiring
- Large enclosure depth accommodates battery sets
- Multiple knockout areas along all four sides

### System Refinements

- Fault detection and reporting to host power and over the network with optional NetLink module
- Large enclosures with room for increased power, added output distribution or remote monitoring
- Modular power and distribution boards with snap-in standoffs simplify service and field upgrades
- Cam lock set, tamper switch and backplate hardware to mount access control panels is included

[/tab] [tab title="Overview"] **PRODUCT HIGHLIGHTS**

SCLASS unified power systems offers maximum flexibility, functionality and savings to access system designers.

SCLASS enclosures are engineered to house FlexPower™ power management boards alongside iSTAR™ Pro or Ultra access boards in one compact, secure system.

To prevent damage to system electronics, the backplate separates from the enclosure for iSTAR ACM and GCM board mounting in the shop while wiring is pulled to the enclosure at the job site. Once configured, the backplate can be remounted for final ties and checkout.

## Features

- Removable back plate simplifies job installation
- Engineered backplate pattern minimizes installation time
- Power boards mount on snap-in stand offs
- Access boards mount on supplied threaded metal standoffs

## Mechanical renements

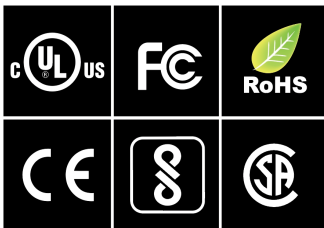
- Large enclosure depth to accommodate battery
- 19 Gauge steel with textured black finish
- Board mounting hardware provided
- Lock and tamper switch standard

## Reliability and Safety

- Lifetime Warranty
- RoHS Compliant

## Agency Listings

- UL 294 / UL 603 / UL 1076
- ULC S318, 319
- FCC Part 15, Subpart B
- CSA C22.2 #205
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## [Product Warranty](#)

[/tab] [tab title="Technical Documents"]

Software House Standard Power

Single Voltage

Datasheet

Install Manual

CAD Files

FPO75-D8E4S

[DS](#) [IM](#) [CAD](#) [AG](#)

FPO150-2D8E8S

[DS](#) [IM](#) [CAD](#) [AG](#)

Dual Voltage	Datasheet	Install Manual	CAD Files
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FPO75/150-C8D8E4S	<a href="#">DS</a>	<a href="#">IM</a>	<a href="#">CAD</a>	<a href="#">AG</a>
FPO150/250-2C82D8E8S	<a href="#">DS</a>	<a href="#">IM</a>	<a href="#">CAD</a>	<a href="#">AG</a>
FPO75/150-D8E4S	<a href="#">DS</a>	<a href="#">IM</a>	<a href="#">CAD</a>	<a href="#">AG</a>
FPO150/250-2D8E8S	<a href="#">DS</a>	<a href="#">IM</a>	<a href="#">CAD</a>	<a href="#">AG</a>

Software House Managed Power			
Dual Voltage	Datasheet	Install Manual	CAD Files

FPO75-B100M8NL4E4S	<a href="#">DS</a>	<a href="#">IM</a>	<a href="#">CAD</a>	<a href="#">AG</a>
FPO150-B100D8M8NL4E4S	<a href="#">DS</a>	<a href="#">IM</a>	<a href="#">CAD</a>	<a href="#">AG</a>
FPO150/250-2D82M8NL4E4S	<a href="#">DS</a>	<a href="#">IM</a>	<a href="#">CAD</a>	<a href="#">AG</a>
SWH Enclosures				
E4S	<a href="#">DS</a>	<a href="#">IM</a>	<a href="#">CAD</a>	<a href="#">AG</a>
E8S	<a href="#">DS</a>	<a href="#">IM</a>	<a href="#">CAD</a>	<a href="#">AG</a>

[/tab] [tab title="Support"]

[Troubleshooting Guide](#)      [Factory Contact](#)      [Business Contact](#)

[FPO Troubleshooting](#)   [Email Customer Service](#)   [Accounting Office](#)

[Accessory Troubleshooting](#)   [Email Technical Department](#)   [Area Sales Representatives](#)

[/tab] [tab title="Tools & Software"] **Tools & Software**

Excel spreadsheets designed by the LifeSafety Power technical department to aid the installer in required calculations and example configurations of LifeSafety Power equipment when used in commonly found system applications.

Calculators / Software

[B100 Power Calculator](#)

[PowerCom-USB Download](#)

[Ohms Law Calculator](#)

[Battery Size Calculator](#)

[Battery Capacity Calculator](#)

[Wire Size Calculator](#)

[Voltage Drop Calculator](#)

[FlexCalculator Suite](#)

Application Notes

[AN04 Access Power for ISTAR ULTRA SE](#)

[AN03 Access Power for ISTAR ULTRA](#)

[AN02 Access Power for ISTAR PRO](#)

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