

KCLASS

AC and DC power solutions

Integrated ac system power and dc lock power for Kantech® / Keyscan® access control [Learn more](#)

Note: These KCLASS systems do not integrate access panels



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Model Number	Kantech	®	Power
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KT75-D8E2	200VA / 16VAC	75W	6A/12V or 3A/24V	8 fused
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KT75-D8PE2	200VA / 16VAC	75W	6A/12V or 3A/24V	8 class II
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KT150-D8E2	200VA / 16VAC	150W	12A/12V or 6A/24V	8 fused
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KT150-D8PE2	200VA / 16VAC	150W	12A/12A or 6A/24V	8 class
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KT250-D8E2	200VA / 16VAC	250W	20A/12V or 10A/24V	8 fused
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KT250-D8PE2	200VA / 16VAC	250W	20A/12V or 10A/24V	8 class
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Model Number	Keyscan	®	Power
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KS75-D8E2	200VA / 16.5VAC	75W	6A/12V or 3A/24V	8 fused
KS75-D8PE2	200VA / 16.5VAC	75W	6A/12V or 3A/24V	8 class II
KS150-D8E2	200VA / 16.5VAC	150W	12A/12V or 6A/24V	8 fused
KS150-D8PE2	200VA / 16.5VAC	150W	12A/12A or 6A/24V	8 class
KS250-D8E2	200VA / 16.5VAC	250W	20A/12V or 10A/24V	8 fused
KS250-D8PE2	200VA / 16.5VAC	250W	20A/12V or 10A/24V	8 class

for 16 lock outputs, change model number suffix to -2D8E2 (fused) or -2D8PE2 (class II power limited)

Integrated Access & Lock Power

- KCLASS hybrid systems combine AC power for Keyscan® or Kantech® controllers and DC power for locks, in one secure enclosure
- One AC drop minimizes wall space, simplifies installation, reduces time & labor costs

All-in-one AC and DC Power Enclosure

- FPA 200VA transformer powers access panels and eliminates need for unsecured wall transformers
- FPO DC power supply with fire alarm interface (FAI) handles locks with 75, 150, 250 Watt options
- 4.5" enclosure depth accomodates battery sets and optional network module

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
- Factory pre-wired AC and DC power sections saves configuration time
- Cam lock set and tamper switch are included

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

FlexPower KCLASS configurations are dual voltage power management systems which provides both 16/16.5V AC for Keyscan®/Kantech® system power, and the DC power required for strikes/maglocks all combined in a secured, listed enclosure.

For access system power, a 200VA transformer provides distributed, power limited Class 2 outputs.

For lock circuit and auxiliary power requirements, the DC power supply provides distributed outputs (@12 or 24VDC) either fused or class 2 power limited.

If required, Fire Alarm Interface (FAI) is available on each DC output for control of egress locks.

KCLASS power management systems are configured in a 16x20x4.5" E2 enclosure with lock and tamper switch standard.

Reliability and Safety

- Lifetime warranty
- Easily obtainable and replaceable automotive style ATM fuses

Agency Listings

USA

- UL 294 / UL 603 / 1076
- FCC Part 15, Subpart B

CANADA

- ULC S318 / ULC S319

- CSA C22.2 # 205



[Product Warranty](#)

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

Model #	Datasheet	Install Manual	CAD Files
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	DS	IM	CAD	AG
KT75-D8PE2	DS	IM	CAD	AG
	DS	IM	CAD	AG
KT150-D8PE2	DS	IM	CAD	AG
	DS	IM	CAD	AG
KT250-D8PE2	DS	IM	CAD	AG
	DS	IM	CAD	AG
KS75-D8PE2	DS	IM	CAD	AG
	DS	IM	CAD	AG
KS150-D8PE2	DS	IM	CAD	AG
	DS	IM	CAD	AG
KS250-D8PE2	DS	IM	CAD	AG

[/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

[AN14 Keyscan & distributed power](#)
[AN15 Keyscan & distributed power](#)

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