

K25000 Series - EN 54-4 Power Supplies & Chargers

Fully certified to EN 54-4 power supplies provide a stable and fully regulated, true 24 Vdc output for fire alarm system applications under all power conditions.

The unique regulation techniques ensure that even when running on standby batteries, a stable 24 Vdc supply is available to all parts of the system ensuring that all 24 Vdc powered devices connected are supplied with optimum power.

The powerful onboard micro controller ensures that all battery types are conditioned with optimum, temperature compensated charging algorithms to maximise battery life and maintain batteries in top condition.

Optional dual output path (KD) variant available, to provide two independent supply paths between the power supply unit and the control panel in accordance with EN 54-4 clause 6.4 and BS5839 pt I, clause 12.2.2.m requirements.

Vimpex EN 54-4 compliant power supplies can be fitted with an optional dual fused output monitoring module to ensure compliance with European standards when supplying fire control panels with an external power supply.



Features

- 2.5 A, 5.25 A and 10.25 A versions
- Enclosure provides space for batteries - up to 45.0 Ah
- 110 Vac or 230 Vac input
- Regulated, true 24 Vdc output
- Intelligent battery charging and temperature compensation
- Status indicators for monitored faults
- Dual output option for powering fire alarm control panels remotely
- Fully enclosed and robust construction

Specification

Part No.	PSU	Max. Battery Size	Size (mm) W x H x D
K25250M2	2.5 amp, Boxed	7.0 Ah	365 x 310 x 90
K25250M3	2.5 amp, Boxed	12.0 Ah	385 x 520 x 110
K2525003	2.5 amp, Boxed	12.0 Ah	500 x 355 x 117
K25400M3	5.25 amp, Boxed	17.2 Ah	385 x 520 x 110
K2540003	5.25 amp, Boxed	12.0 Ah	500 x 355 x 117
K2540015	5.25 amp, Boxed	26.0 Ah	500 x 460 x 190
K25250M2	2.5 amp, Boxed, with Dual Output Board	7.0 Ah	365 x 310 x 90
K25250M3	2.5 amp, Boxed, with Dual Output Board	12.0 Ah	385 x 520 x 110
K2525003	2.5 amp, Boxed, with Dual Output Board	12.0 Ah	500 x 355 x 117
K25400M3	5.25 amp, Boxed, with Dual Output Board	17.2 Ah	385 x 520 x 110
K2540003	5.25 amp, Boxed, with Dual Output Board	12.0 Ah	500 x 355 x 117
K2540015	5.25 amp, Boxed, with Dual Output Board	26.0 Ah	500 x 460 x 190
K25800M3	10.25 amp, Boxed	17 Ah	385 x 520 x 110
K2580003	10.25 amp, Boxed	17 Ah	500 x 355 x 117
K2580015	10.25 amp, Boxed	45 Ah	500 x 460 x 190
K25800D3	10.25 amp, Boxed	45 Ah	385 x 520 x 200
KD25800M3	10.25 amp, Boxed, with Dual Output Board	17 Ah	385 x 520 x 110
KD2580003	10.25 amp, Boxed, with Dual Output Board	17 Ah	500 x 355 x 117
KD2580015	10.25 amp, Boxed, with Dual Output Board	45 Ah	500 x 460 x 190
KD25800D3	10.25 amp, Boxed, with Dual Output Board	45 Ah	385 x 520 x 200
S408	10.25 amp, Unboxed (Chassis only)	N/A	120 x 260 x 65

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