

Application Note  
**DIN-Rail AC-DC 12V Power Supply**  
 KPW-1012-D

2014/04/14



**Specifications**

Input: AC 100~240V, 50/60Hz  
 Output: DC 12V, 0.85A max.

**Extended Operating Temperatures**

**-40°C ~ +70°C**

**Certificates**

Internal Power Module: UL 60601-1, IEC60601-1, EN 60601-1, UL 60950-1, IEC 60950-1, EN 60950-1  
 Product Approval: CE Class A, FCC Class A, VCCI Class A, CE LVD, TUV EN 60950-1 Certified, NEMA TS2-2003 Environment Tested

**Compatible KTI Industrial-rated Products**

Model	Description	Units @70°C
KGS-1060	<a href="#">Industrial Managed 10-Port L2 Gigabit Ethernet Switches with 2 dual-speed SFP Slots and 4 PoE+ PSE Ports</a>	1 Unit
KGD-802-B	<a href="#">Industrial 8-Port L2 Gigabit Ethernet Switches with 2 SFP Slots</a>	1 Unit
KSD-541	<a href="#">Industrial 5-Port L2 Fast Ethernet Switches with SFP Slot</a>	2 Units
KGD-600-B	<a href="#">Industrial Managed 5-Port L2 Gigabit Ethernet Switch with 1 mini-GBIC Port</a>	2 Units
KSD-800M	<a href="#">Industrial Managed 8-port L2 Fast Ethernet Switches with Fiber Connectivity</a>	1 Unit
KSD-800	<a href="#">Industrial 8-Port L2 Fast Ethernet Switches with Fiber Connectivity</a>	1 Unit
KFS-0540	<a href="#">Industrial 5-Port L2 Fast Ethernet Switch</a>	4 Units
KFS-0840	<a href="#">Industrial 8-Port L2 Fast Ethernet Switch</a>	4 Units
KFS-1640-L	<a href="#">Industrial 16-Port L2 Fast Ethernet Switches</a>	2 Units
KSD-103 Series	<a href="#">Industrial 3-Port Fast Ethernet Media Converter Switches</a>	2 Units
KCD-303P Series	<a href="#">Industrial 3-Port Fast Ethernet POF Media Converter Switch</a>	5 Units
KCD-400	<a href="#">Industrial 1000Base-T to 1000Base-X Gigabit Media Converters</a>	4 Units
KFC-241	<a href="#">Industrial 10/100BASE-T to 100BASE-FX Media Converters</a>	6 Units
KCD-302	<a href="#">Industrial Tri-segment Media Converter</a>	3 Units
KCD-300	<a href="#">Industrial 10/100Base-TX to 100Base-FX Media Converters</a>	3 Units
KSC-240	<a href="#">Industrial Optically Isolated RS-232 to RS-485/422 Converter</a>	16 Units
KSC-200	<a href="#">Industrial Optically Isolated Serial RS-232 to Fiber Converter</a>	4 Units

Note:

- The "Units" column lists the number of units that can be powered by single KPW-1012-D at the same time @70°C ambient.