



KPW-1000T



1U Rack Mountable 1000W Switching Power Supply for PoE/PoE+ applications

Product Highlights:

- Universal AC connector
- PoE+ voltage options
- 19" rack 1U slot mountable
- Industrial temperature rating

Key Features:

- Full range of AC input with IEC320 AC socket for universal installation
- Built-in active PFC function, PF>0.95
- High efficiency up to 90%
- AC input active surge current limiting
- Protections against Short circuit / Overload / Over voltage / Over temperature
- Industrial terminal block connector for DC output
- Wide range of operating temperature -20°C ~ 60°C
- Support 19" rack mounting

Applications:

- External power supply for typical PoE & high power PoE switches or systems
- General power supply for critical temperature environments
- General power supply for 19" rack-mount systems

Specifications:

AC IN Voltage	100 ~ 240VAC, 50/60Hz
AC IN Current	100 ~ 120VAC, 12A max. (for US) 220 ~ 240VAC, 6A max. (for Europe)
DC Voltage Options	+48VDC, +52VDC, +54VDC (+/-1%)
AC IN Connector	IEC320 C14 socket
DC OUT Connector	Terminal block 3P: Vout+ / Vout- / FG
LED Power status	AC in, DC out OK
Protection	Short circuit Over load: 105% ~ 125% Over voltage: 57V ~ 66VDC Over temperature: 75°C (+/-5°C)
Environment	Operating Temperature: -20°C ~ 60°C Storage Temperature: -40°C ~ 85°C Relative Humidity: 10% ~ 95% non-condensing
Power Derating	1000W @50°C, 600W @60°C
Air Flow	For US: Still air @-20°C ~ 30°C, Forced air 10CMM @30°C ~ 60°C For EU: Still air @-20°C ~ 60°C
Fan Cooling	Yes
Mounting Support	Desktop, 19" Rack, Enclosure
Dimensions	325 x 210 x 43 mm (Height: 1U)

Panel mounting





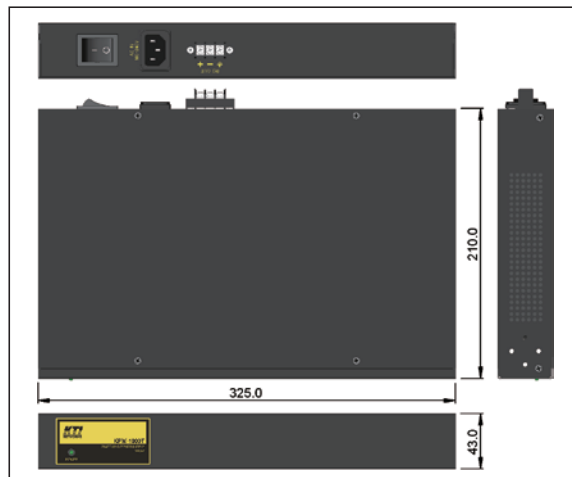
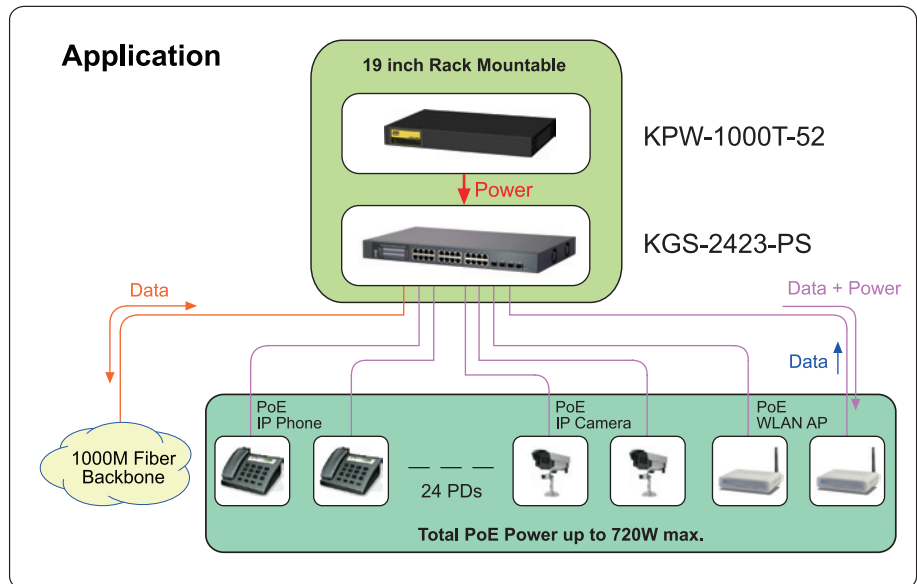
Ordering Information:

Model	DC Out
KPW-1000T-48	+48V/20.8A
KPW-1000T-52	+52V/19.2A
KPW-1000T-54	+54V/18.5A

19" Rack Mountable



Power Module	UL60950-1, TUV EN60950-1 Certified
MTBF	>116K Hours
Approval	FCC Class A, VCCI Class A, CISPR 22 Class A, CE mark, LVD, TUV IEC 60950-1 certified, EN 55022 emission, EN 61000-3-2, EN 61000-3-3, EN 61000-6-2 immunity for industrial environment



Dimensions



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