



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 ~ 264VAC, 50/60Hz
DC Voltage Options	+48VDC, +52VDC, +54VDC
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 Rating	1000W @50°C, 600W @60°C
Fan Cooling	Yes
Mounting Support	Desktop, 19" Rack, Enclosure
Dimensions	325 x 210 x 43 mm (Height: 1U)
Power Module	UL60950-1, TUV EN60950-1 Certified
MTBF	>116K Hours
Approval	FCC Class A, VCCI Class A, CISPR 22 Class A Certified, CE mark LVD IEC 60950-1 certified, EN 55022 emission, EN 61000-3-2, 61000-3-3 EN 61000-6-2 immunity for industrial environment



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



FCC Part 15, Class A
CISPR 22 Class A

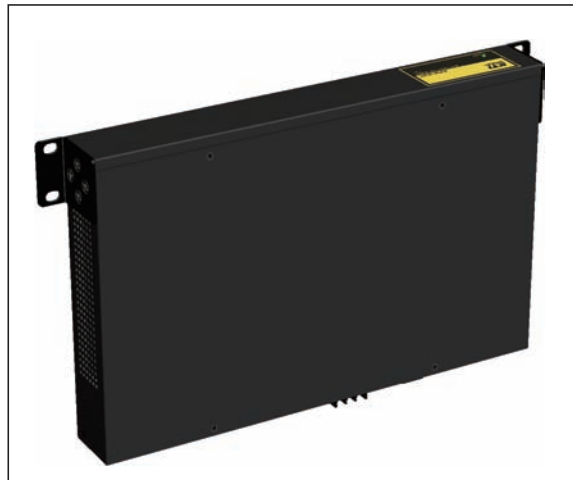
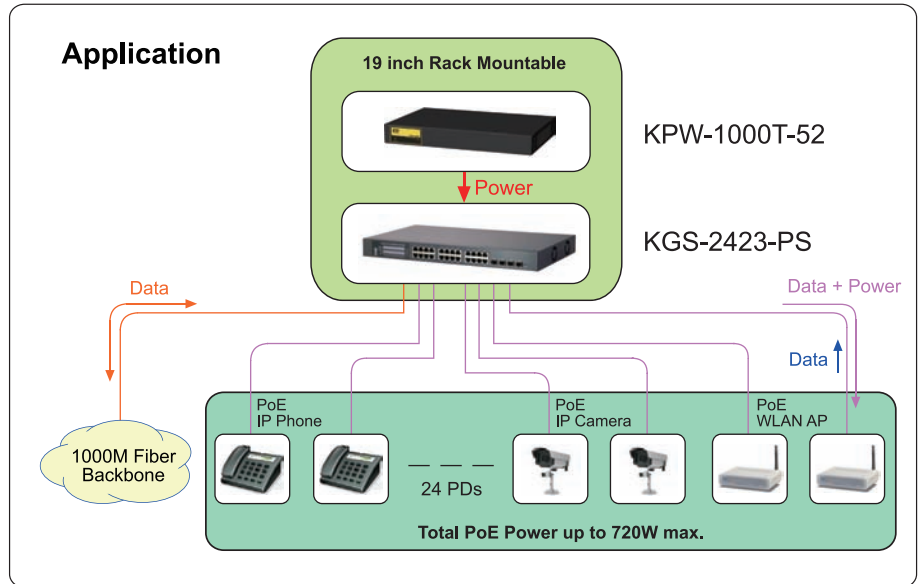
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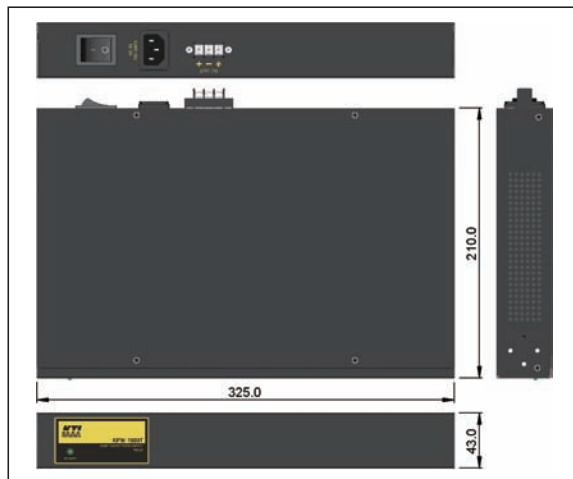
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Panel mounting



Dimensions