



# KPW-1212-H



**Preliminary**



## AC-DC 12V/1A Power Adapter

### EMI EMS Safety Environmental Tests:

Test	Standard	Specifications
FCC/EMI	FCC Rule Part 15	Class B
CE/EMC/EMI	EN55022, CISPR 22	Class B
CE/EMC/Harmonic	EN 61000-3-2	< 75 W
CE/EMC/VFF	EN 61000-3-3	Clause 6.1
CE/EMC/EMS	EN 55024	
ESD Test	IEC 61000-4-2	Contact: +/-4kV Air: +/-8kV
RS Test	IEC 61000-4-3	Strength: 3V/m
EFT/BURST	IEC 61000-4-4	± 1kV
Surge Immunity	IEC 61000-4-5	Power: 1kV
CS Test	IEC 61000-4-6	LEVEL 2
Magnetic Field Imm.	IEC 61000-4-8	50Hz 1A/m
Voltage Dips Imm.	IEC 61000-4-11	Interrupt 95%: C Dips 95%: B
Safety	EN 60950-1, UL 60950-1, TUV 60950-1	
Cold Test	IEC 68-2-1 Test Ad	-20°C, 96hrs
Dry Heat Test	IEC 68-2-2 Test Bd	+60°C 40%RH 96hrs



**FCC Part 15, Class B  
CISPR 22 Class B**

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### Key Features:

- Universal AC input / Full range
- Protections: Short circuit / Over current / Over voltage
- High Operating Temperature

### KPW-1212-H-U:

- UL60950-1 / cUL60950 / EN60950-1 Efficiency LEVEL IV safety approved

### KPW-1212-H-V:

- TUV60950-1 / EN60950-1 safety approved

### Specifications:

AC Input voltage	100 ~ 240VAC
DC Output voltage	+12V (+/-5%), 1A max.
Protection	Short circuit, Over current, Over voltage
Power consumption	No Load < 0.5W
Environment	Operating Temperature: -10°C ~ 60°C Relative Humidity: 10% ~ 90%non-condensing
Dimensions	34.5 x 75 x 54.3 mm (WxDxH)
Safety	KPW-1212-H-U:UL60950-1 / cUL60950 / EN60950-1 Certified KPW-1212-H-V:TUV60950-1 / EN60950-1 Certified
Approval	FCC Class B, CE Class B, TUV-GS, UL, cUL

### Optional Accessories:

L02-0001-027	KPW-1212-H-U	AC Plug US Type
L02-0001-026	KPW-1212-H-V	AC Plug EU Type