

General description

The P2CFxW 12W family of switch mode power supplies delivers typically 12W output and features wide-range input (90-264V), small size and light weight.

The units are available with changeable primary plugs in versions EU, UK, US and AUS.

Secondary plug is available in different forms. The power supply is for indoor use only with protection class II and manufactured according to ISO 9001.

The power supply is available for 3 different application areas:

- Information technology equipment area
- Household device area
- Medical electrical equipment area



Dimensions	Length	Width	Height	
12/24W Wall Plug IN Housing	105	42	42	mm

Input Parameter	Key	Min	Typ	Max	Unit
Input voltage	U_1	90		264	V
Input current	I_1	3	250	320	mA
Input frequency	f_1	47	50	63	Hz
Efficiency	η	75		85	%
Op. Temperature	T	-5		40	°C

Output Parameter	Key	Min	Typ	Max	Unit
Output Voltage	U_2	4.5		24	V
Output voltage tolerance	T_{U2}			3	%
Output current	I_2			2400	mA
Ripple voltage	U_{RMS}			50	mV

Approvals		
Information technology equipment	Household devices	Medical electrical equipment
 	 	 

Test standards and approvals

Test standards	
EN 60950 UL 1310 EN 61000-6-1 EN 55022 Class B EN 55011 EN 55014-1 EN 61204-3	Information technology equipment
EN 60335 EN 61558 UL 1310 EN 61000-6-1 EN 55022 Class B EN 55011 EN 55014-1 EN 61204-3	Household devices
EN 60601-1 UL 60601-1 EN 60601-1-2 EN 61000-6-1 EN 55022 Class B EN 55011 EN 55014-1 EN 61204-3	Medical electrical equipment