

QIG312USB-A Series 12W



Efficiency :

- Energy Efficiency Level VI(ErP/DoE)
- Meet COMMISSION REGULATION(EU) 2019/1782
- Meet DOE10 CFR Part 429 and 430

Emissions:

- FCC Part 15 class B
- VCCI class B
- CE CISPR 32 EN55032
- BS EN 55032

Immunity:

- EN 55035
- BS EN 55035

Electrical Spec:

Product Highlights

- Low cost ;
- Ultra Small Size ;
- Energy Efficiency;
- Suit LED Lighting,Display or Photo Frame,Network and USB Devices

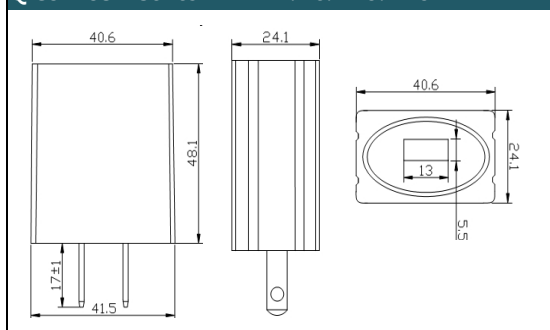
Protection :

- Short Circuit Protection ;
- Over Voltage Protection ;
- Over Current Protection ;

Safety Standard :

- 60950-1 ;
- 62368-1 ;
- PSE 別表第八

QIG312USB Series L*W*H: 48.1*45.1*25mm



Input					
Description	Min	Typ.	Max.	Units	Comment
Voltage	90	100~240	264	Vac	
Frequency	47	50/60	63	Hz	

Description	Min	Typ.	Max.	Units	Comment
Operating Temperature	0	-	40	°C	
Storage Temperture	-20	-	65	°C	
Operating Humidity	5	-	95	%RH	
Storage Humidity	5	-	95	%RH	

Typical model list:

output voltage	output current	precision	Ripple	Noise	Efficiency	No-Load
5.0V	0.5A	±5%	150mV	200mV	73.16%	0.1W
5.0V	1.0A	±5%	150mV	200mV	73.62%	0.1W
5.0V	1.5A	±5%	200mV	300mV	76.55%	0.1W
5.0V	2.0A	±5%	200mV	300mV	78.70%	0.1W
5.0V	2.1A	±5%	200mV	300mV	79.04%	0.1W
5.3V	0.5A	±5%	150mV	200mV	73.55%	0.1W
5.3V	1.0A	±5%	150mV	200mV	74.07%	0.1W
5.3V	1.5A	±5%	200mV	300mV	77.08%	0.1W
5.3V	2.0A	±5%	200mV	300mV	79.16%	0.1W

■ MeasurementCondition

- 1.Measurements shall be made with an oscilloscope with 20MHz bandwidth.
- 2.Outputs shall be bypassed at the connector with a 0.1μF ceramic disk capacitor and a 10μF electrolytic capacitor to simulate system loading.