

Features

- Universal input 90-264V AC
- Direct UK Fixed Plugtop Adapters
- Approved to UKCA, CE, RoHS
- EN 62368-1 Safety Approved
- Meets Efficiency Level VI
- Single Output 5~12V DC
- OVP, OCP, SCP



Ideal Power's 14GJ15WD-xy-BW-RS 12W AC/DC External Adapter UK Plugtop Power Supply (PSU) Series are certified to UKCA, CE, RoHS & EN 62368-1 Standards and comply with (EU) 2019/1782, Level VI Efficiency Regulations. These are primarily used in ITE, Audio & Video Industries and customised solutions are available upon request.

Models

Model Number	Output Voltage (V DC)	Output Current (A)	Output Power (W)	Efficiency (%)
14GJ15WD-0500100BW-RS	5	1	5	73.6
14GJ15WD-0500100BW-2.1-RS	5	1	5	73.6
14GJ15WD-0500200BW-RS	5	2	10	78.7
14GJ15WD-1200100BW-RS	12	1	12	82.96
14GJ15WD-1200100BW-2.5-RS	12	1	12	82.96

Input Data

	Min	Typical	Max	Units	Notes
Voltage	90	--	264	V AC	100-240VAC +/- 10%
Frequency	50	--	60	Hz	50-60Hz +/- 3Hz
Rated Current	--	--	0.5	A	
Power consumption			0.1	W	Input voltage 115V and 230V
Leakage Current	--	--	0.25	mA	
Primary current protection	An adequate internal fuse on the AC input line is provide				
Configuration	II Conductor				

Output Data

	Min	Typical	Max	Units	Notes
Minimum Load Current	0.01	--	--	A	
Ripple & Noise	--	--	200	mVp-p	
Load Regulation	--	5	--	%	
Turn on delay time	--	--	3	S	At 230Vac input and output Max load
Rise time	--	--	100	mS	At 115Vac input and output Max load
Hold up time	5	--	--	S	At 115Vac input and output Max load
Line Regulation	less than ±5% while measuring at rated load and +/-10% of input voltage changing.				

Protection

	Min	Typical	Max	Units	Notes
Over Current Protection	1.1	--	2.0	A	Will recover if fault condition is removed
Short Circuit Protection					Will recover if fault condition is removed
Over Voltage Protection					Will recover if fault condition is removed

Environmental Data

	Min	Typical	Max	Units	Notes
Operating Temperature	0	--	+40	°C	
Storage Temperature	-20	--	+80	°C	
Operating Humidity	10	--	90	%	
Operating Humidity	10	--	90	%	

Product Information

Safety Standards	
Dimensions	58.4 x 48.8 x 56.2 mm
Output Connector	USB, 2.1 x 5.5 x 12 mm, 2.5 x 5.5 x 12 mm (model dependant)

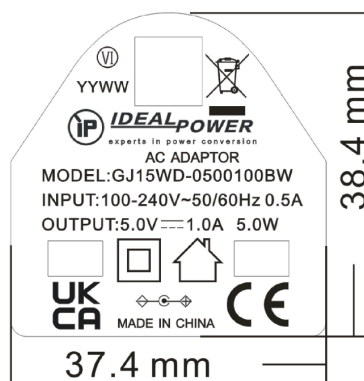
EMC Specifications

Test Level	
EMI	EN 55032 / FCC Part 15 Class B - Radiated and Conducted Emission EN55014, EN55015, Class B - Radiated and Conducted Emission GB9254, GB17625.1
ESD	IEC 61000-4-2 Air discharge +/-8KV, Contact discharge +/-4KV Pass B
RFI	IEC 61000-4-3 80-1000MHz, 3 V/m with 80% amplitude modulation of 1 kHz Pass A
EFT	IEC 61000-4-4 AC-Input Signal line, 0.5KV / Power Line, 1KV Pass B
Surge Voltage	IEC 61000-4-5 Differential mode +/-1KV. Common mode +/-2KV Pass A

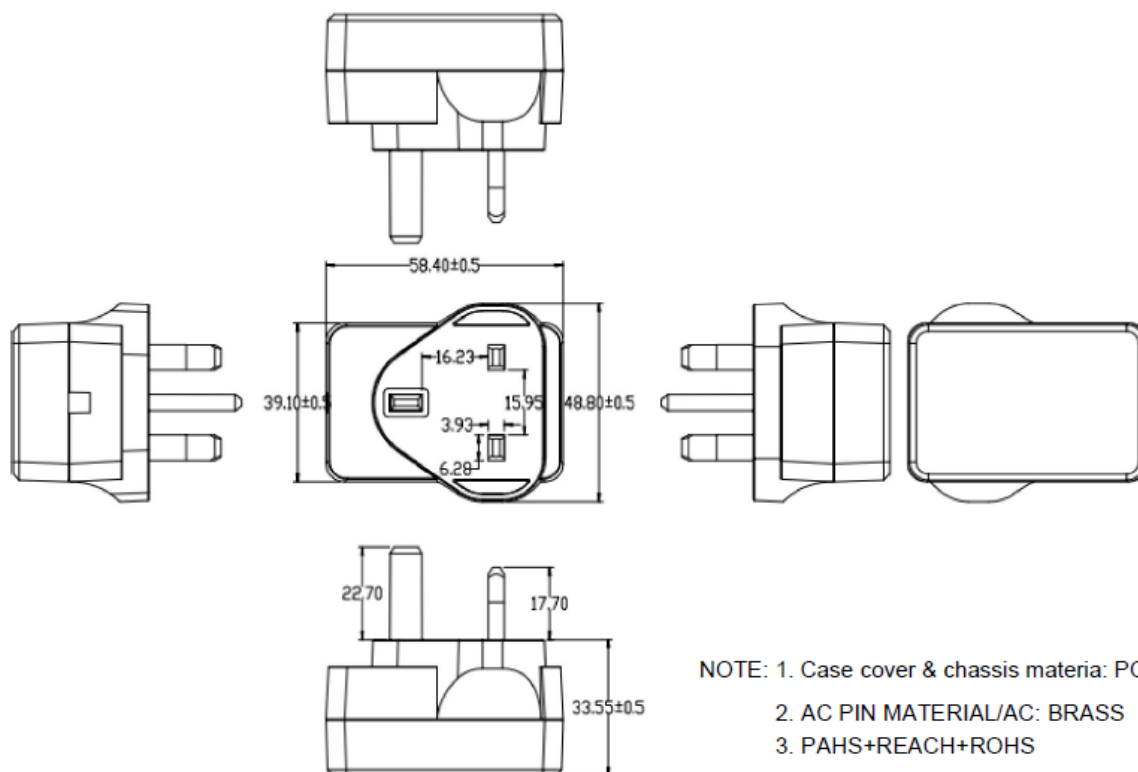
Safety Approvals

Safety Standards	
Certifications	UKCA, CE, RoHS
Approvals	EN 62368-1

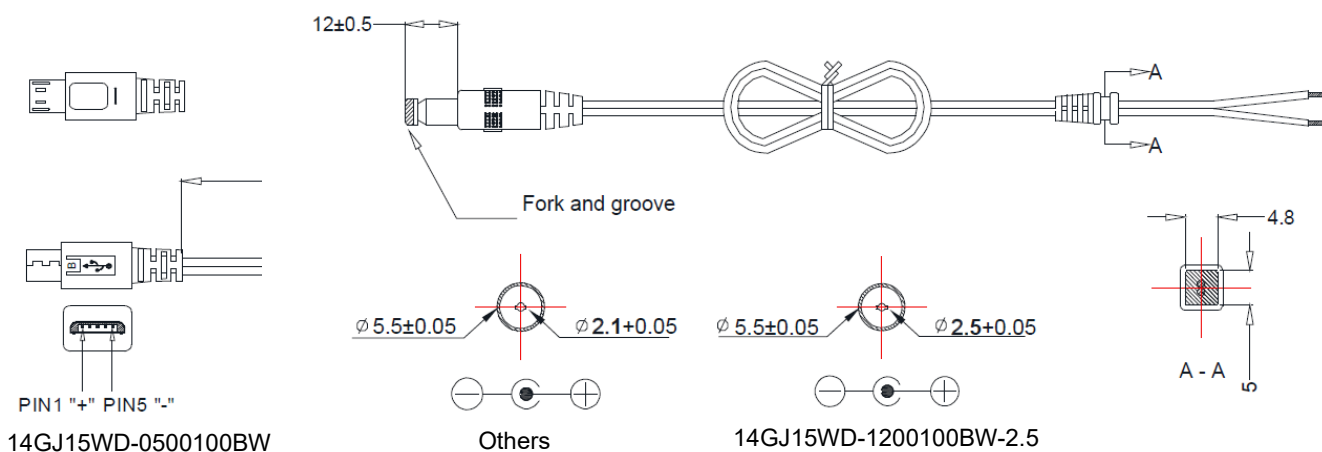
Typical Label Drawing



Mechanical Drawing

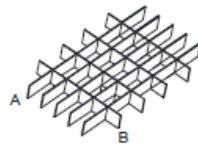
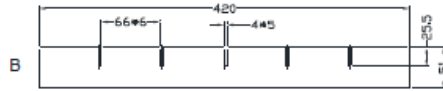
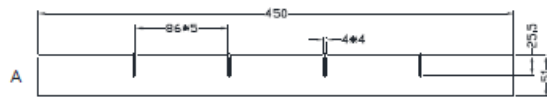


Typical Cable Drawing

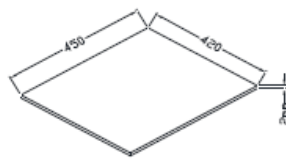


Model	Output Type	Cable Type	Cable Length
14GJ15WD-0500100BW	USB	UL2468 24AWG	1500mm
14GJ15WD-0500100BW-2.1	2.1 x 5.5 x 12mm	UL2468 24AWG	2000mm
14GJ15WD-0500200BW	2.1 x 5.5 x 12mm	UL2468 22AWG	2000mm
14GJ15WD-1200100BW	2.1 x 5.5 x 12mm	UL2468 24AWG	2000mm
14GJ15WD-1200100BW-2.5	2.5 x 5.5 x 12mm	UL2468 24AWG	2000mm

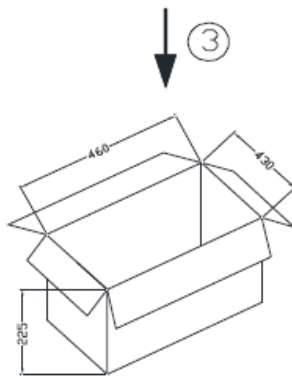
Packaging



Corrugated board



Slab



Outside carton

Packaging:

Corrugated board: A: 450*51mm, B: 420*51mm

Outside carton internal size: 460*W430*H225mm

Slab: 450*W420*2mmT

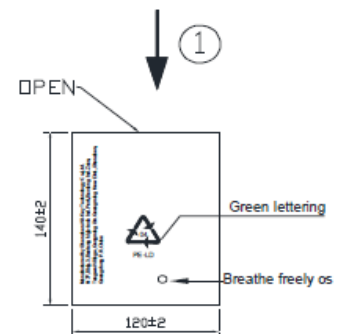
PE bag: 140*W120*0.03mmT

Quantity: 120PCS/Carton

(A total of 4 layout, 30Pcs/layer)

REMARK:

The sample package for temporary packaging big goods packing as shown above packing if customer don't specify packing type.



PE bag

