

SERIES: YHY-WL100PD-CB | DESCRIPTION: 100W GAN FAST CHARGER



FEATURES

- One model for multi-devices
- Universal version: Interchangeable AC plug
- 100-240V Universal AC Input
- Auto-detection 5V/9V/12V/15V/20V
- Protections:Short circuit /Overload
- Energy efficiency Level V

APPLICATIONS

- Mobile phone
- Tablet
- Laptop
- Earphone
- Game devices
- Hair Straightening Comb

Part NO	Model	Output Voltage (Vdc)	Rate Current (Amp)	Max Current (Amp)	Ripple & Noise (mVp-p)
YHY-WL100PD-CB	YHY-100WDC0B	5	3	4.5	200
		9	3	4.5	200
		12	3	4.5	200
		15	3	4.5	200
		20	5	6.5	250

INPUT

Paramater	Description	Min.	Typ	Max.	Units
Input Voltage		90		264	Vac
Rated Voltage		100		240	Vac

Input Frequency		47	63	Hz
Rated Frequency		50	60	Hz
Current			2.0	A
Inrush Current	110Vac 60Hz, Full load, 25°C		40	A
	220Vac 50Hz, Full load, 25°C		80	A
Leakage Current	110Vac / 220Vac		0.05	mA
No Load Power Consumption	110Vac / 220Vac		0.21	W
Fuse		5		A

OUTPUT

Paramater	Description	Min.	Typ	Max.	Units
Output Voltage		± 0.1		± 0.25	V

PROTECTION

Paramater	Description	Min.	Typ	Max.	Units
Over Voltage Protection	Output Shut Down	10			%
Over Current Protection	Output Shut Down, Auto Recovery				%
Short Circuit Protection	Output Shut Down, Auto Recovery				%

SAFETY & COMPLIANCE

Paramater	Description	Min.	Typ	Max.	Units
Isolation Voltage	Power Supply of Class II, primary to secondary, 3s		3000		Vac
Isolation Resistance	500Vdc between Primary Live, Primary Neutral and secondary.	10			MΩ
EMI/EMC	FCC Part 15B Class B, CE				
MTBF	25°C	50,000			Hrs
RoHs	YES				

ENVIRONMENT

Paramater	Description	Min.	Typ	Max.	Units
Operating temperature	Full load, Normal operation	0		40	°C
Storage temperature	With package	-40		85	°C
Operating humidity	Full load , Normal operating	5		95	%
Storage humidity	Non-condensing	10		90	%

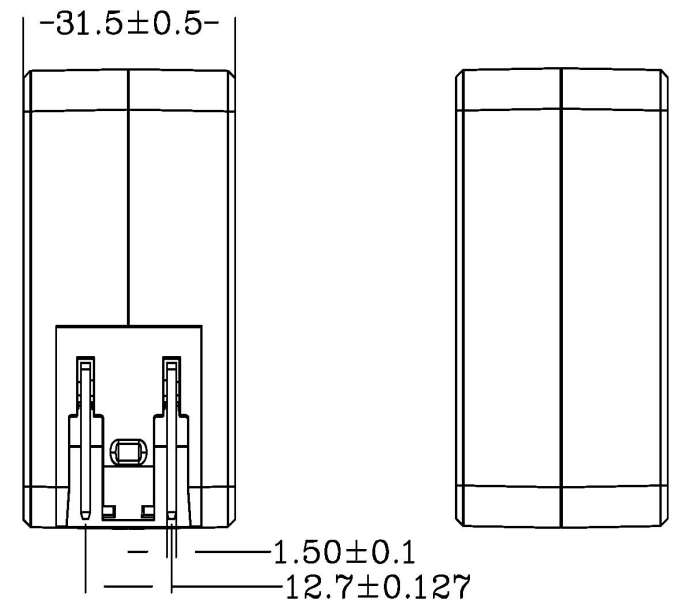
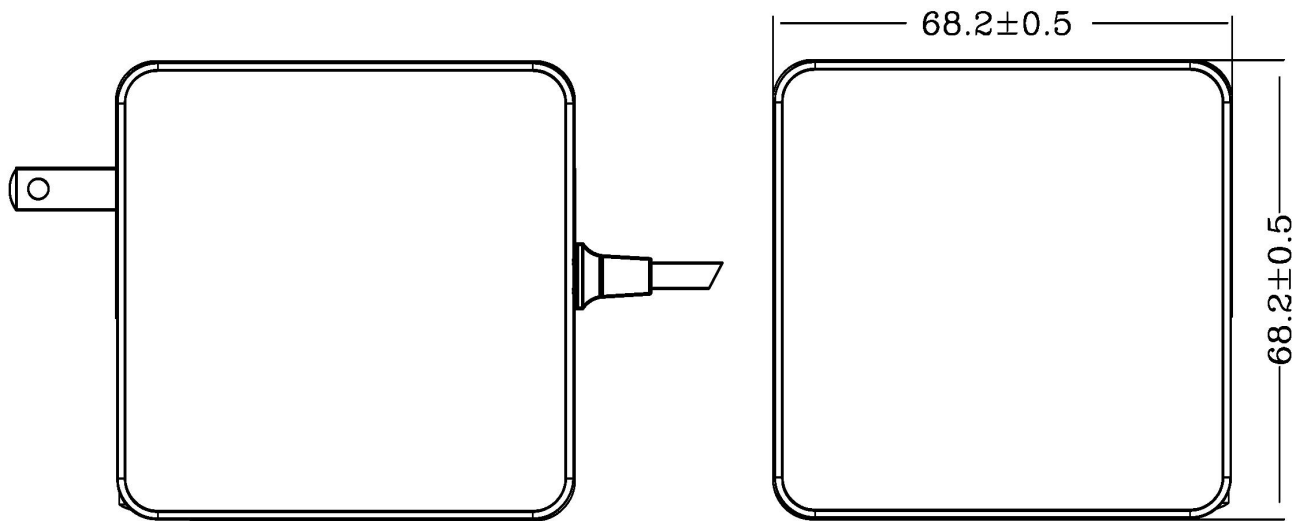
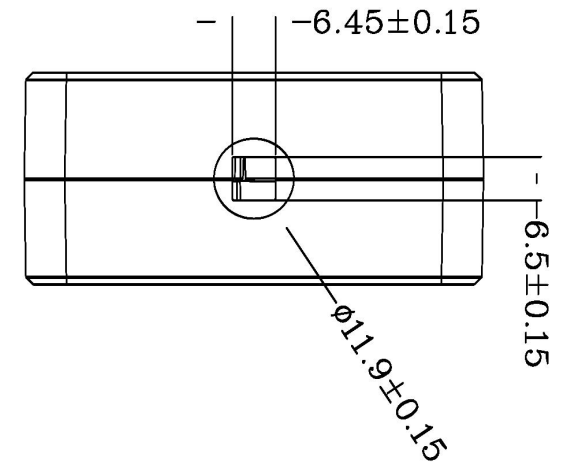
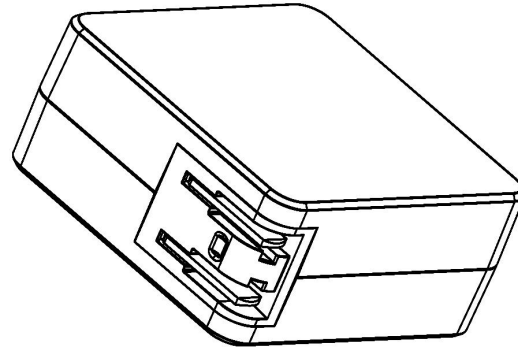
MECHANICAL

Paramater	Description	Min.	Typ	Max.	Units
Dimension	68 x 68 x 31.5				mm

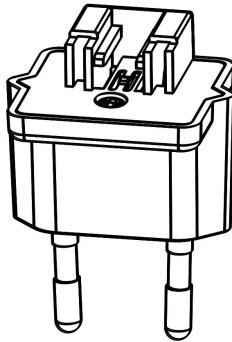
MECHANICAL DRAWING

Unit: mm

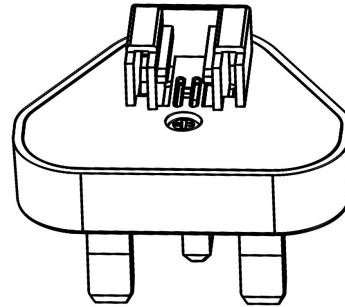
Tolerance: ± 0.2



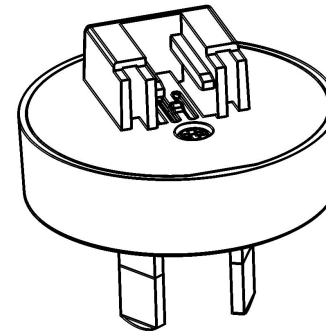
EU



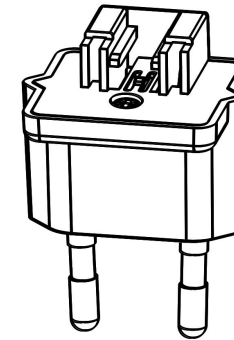
UK



AU

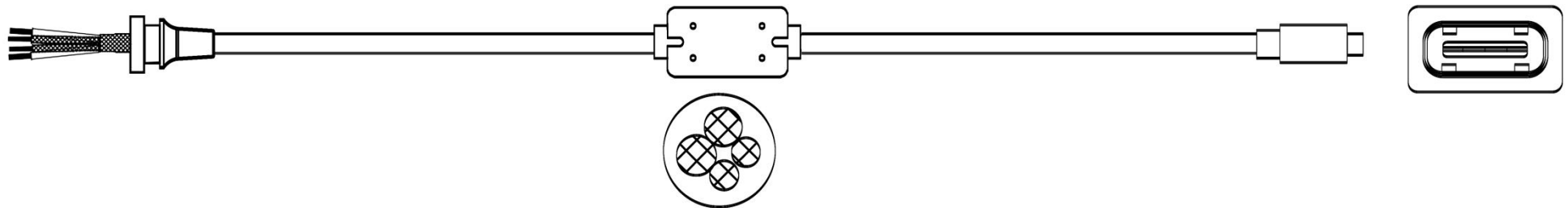


KR



DC CABL

Unit: mm



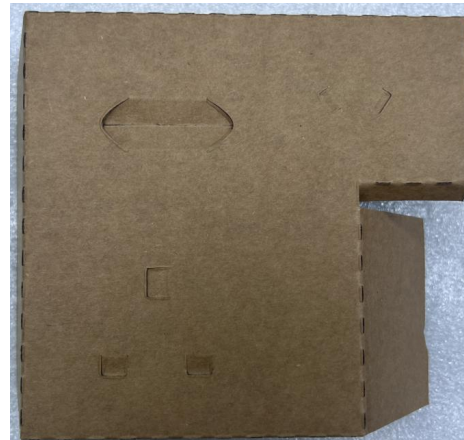
Cable

Length

UL2464, 2Cx20AWG 2Cx26AWG

1200mm $\pm$ 30

PACKING



REVISION HISTORY

REV.	Description	Date
1.0	Initial release	2025-6-24



YinghuiYuan Electronics (YHYadapter)

3rd BLD, Fuqiao 5th Industry,

Fuyong, Baoan, Shenzhen, CN

518103

<https://yhypoweradapter.com/>

Email: sales@yhypower.com

MB/Whatsapp: +86-13631527465