

## Features

- Universal Input 90~264V AC
- Approved to UKCA, CE, CCC, TUV, cULus, FCC, RoHS
- EN 60950-1 Safety Approved
- Meets Efficiency Level VI
- Single Output 12V DC
- OVP, OCP



Ideal Power's 5210952C-12-3A 84W AC/DC External Desktop Power Supply (PSU) Series are certified to UKCA, CE, CCC, TUV, cULus, FCC, RoHS & EN 60950-1 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	Output Current	Output Power	Efficiency
5210952C-12-3A	12V DC	6.6A	84W	88%

### Input Data

	Min	Typical	Max	Units	Notes
Input Voltage	90	--	264	V AC	100-240VAC +/- 10%
Input Frequency	47	--	63	Hz	60Hz/50Hz Nominal
Input Current	--	--	1.5	A	at 115V AC Input & Full load
	--	--	0.75	A	at 230 V AC Input & Full load
Inrush Current	--	--	60	A	at 110V AC At cold start, maximum load.
	--	--	120	A	at 220V AC At cold start, maximum load.
Leakage Current	--	--	0.25	mA	at 240V AC / 50Hz

### Output Data

	Min	Typical	Max	Units	Notes
Output Current Range	0.0	--	7	A	
Output Voltage Range	11.40	--	12.60	V	
Ripple & Noise	--	--	180	mVpp	
Over Current Protection	110~150% of rated output current.				Will recover if fault condition is removed
Over Voltage Protection	150% Max. of the rated output voltage				Will recover if fault condition is removed

**Environmental Data**

	Min	Typical	Max	Units	Notes
Operating Temperature	0	--	+40	°C	
Storage Temperature	-20	--	+85	°C	
Operating Humidity	10	--	90	%	non condensing
Relative Humidity	5	--	90	%	non condensing

**Other Information**

	Notes
Dielectric Strength	Primary to Secondary: 4242V DC / 5mAMax / 60second(3 seconds for mass production)
MTBF	30,000 hrs at 25°C
Weight	450g
Dimensions	133x59x34mm
Output Cord	16AWG UL2464 2C+Shielding, 1.2M Black
Output Connector	2.1mm x 5.5m x 12.0mm .

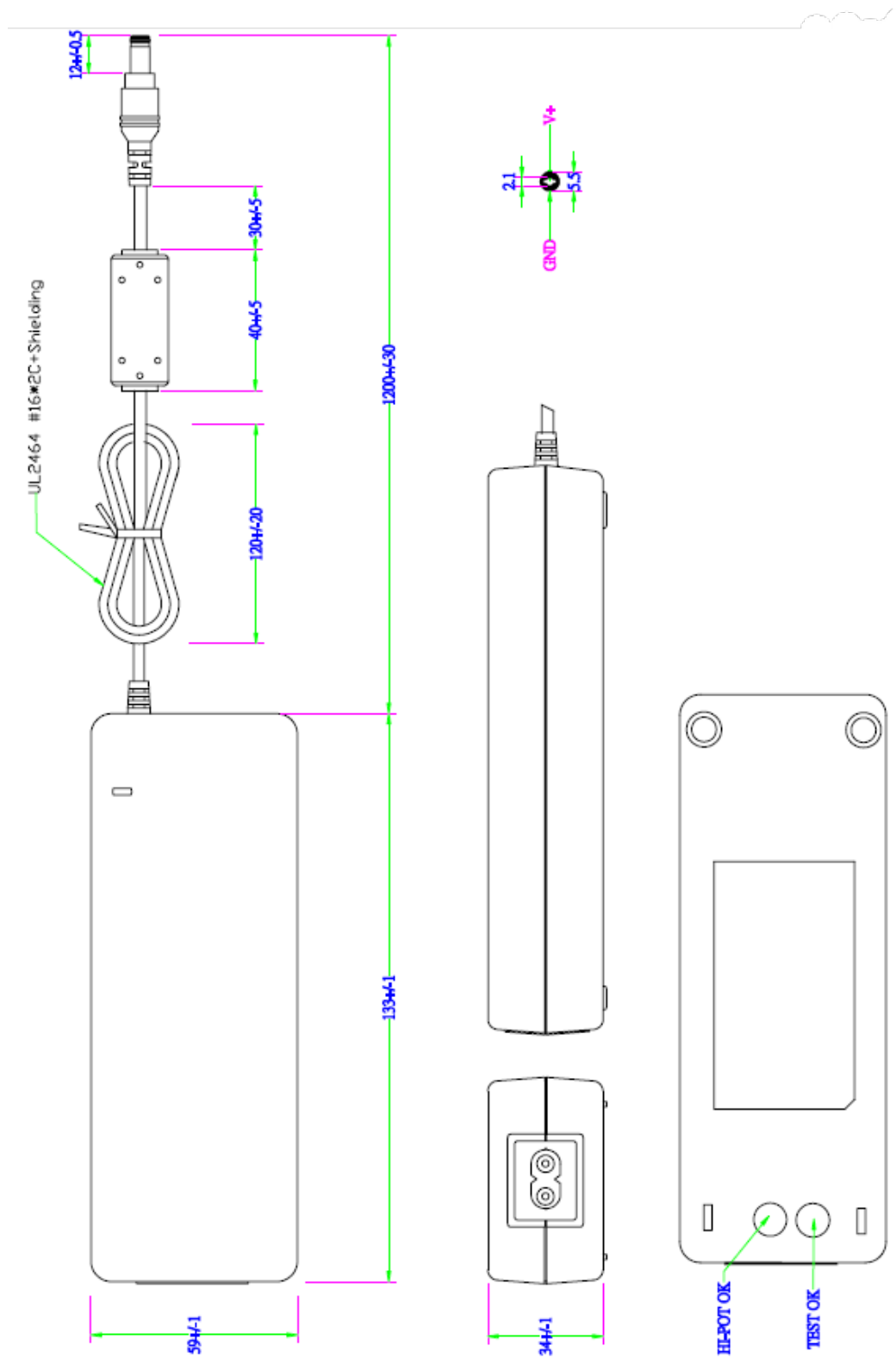
**Safety Approvals**

	Safety Standards
Safety Standards	EN 60950-1
Approvals	UKCA, CE, CCC, TUV, cULus, FCC, RoHS

**EMI/EMS Standards**

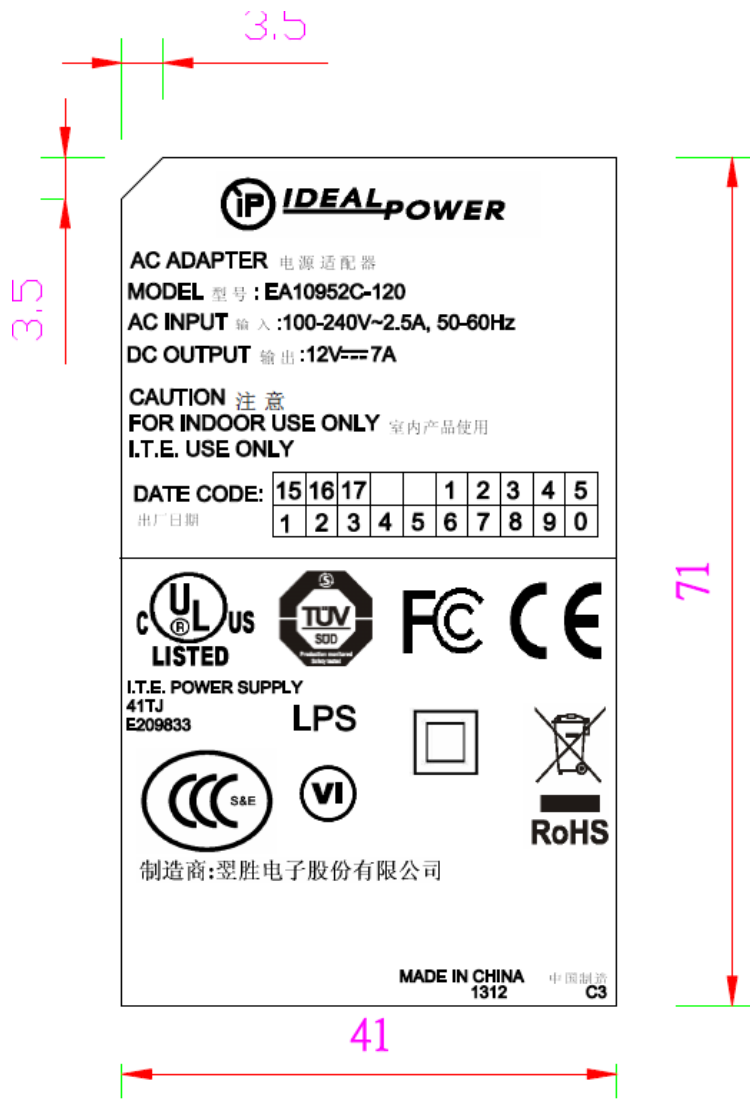
	Test Level	Test Criteria
EMI	EN 55032, CISPR 22	Class B
EMS	EN 55024	
ESD	IEC 61000-4-2, Air discharge +/-8KV, Contact discharge +/-4KV	Pass B
RS	IEC 61000-4-3 Frequency: 80~1000MHz Field Strength: 3V/M, 80% AM(1KHz)	
EFT	IEC 61000-4-4, AC-Input 1.0KV	Pass A/B
Surge Voltage	IEC 61000-4-5 Differential mode +/-1KV. Common mode +/-1KV	Pass A

Mechanical Drawing



AC – DC

Label



**iP IDEALpower**

AC ADAPTER 电源适配器  
**MODEL 型号 : EA10952C-120**  
**AC INPUT 输入 : 100-240V~2.5A, 50-60Hz**  
**DC OUTPUT 输出 : 12V==7A**

**CAUTION 注意**  
**FOR INDOOR USE ONLY 室内产品使用**  
**I.T.E. USE ONLY**

DATE CODE:	15	16	17			1	2	3	4	5
出厂日期	1	2	3	4	5	6	7	8	9	0

I.T.E. POWER SUPPLY  
 41TJ  
 E209833

制造商: 翌胜电子股份有限公司

MADE IN CHINA 1312 中国制造 C3

P/N:312  
 Background: Black color  
 Character: Silver color  
 Unit: mm