



18W AC-DC Adapter Power Supply PSW18ExxxK0

- Universal AC Input 90 – 264 VAC
- Interchangeable AC-Plugs
- Low ripple noise
- No minimum load requirement
- 100 % burn in test
- Safety: CE, UL, cUL, FCC
- CEC & DOE Efficiency Level VI, ErP Tier2 and RoHS compliant

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Model Selection Guide

Item	Input nominal Voltage [VAC]	Input current Full-load [mA]	Output voltage [VDC]	Output current Max. [mA]
PSW15E050K0	90 - 264	600	5.0	3000
PSW18E090K0	90 - 264	600	9.0	2000
PSW18E120K0	90 - 264	600	12.0	1500
PSW18E150K0	90 - 264	600	15.0	1200
PSW18E180K0	90 - 264	600	18.0	1000
PSW18E200K0	90 - 264	600	20.0	900
PSW18E240K0	90 - 264	600	24.0	750

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Specifications

Input

1	Input Voltage	AC 90V – 264V Universal full range
2	Frequency Rated	50 – 60 Hz (47 – 63Hz)
3	Input Rated Current	Max. 600 mA RMS
4	Inrush Current @ Cool start	No damage. On power when switching on/off repeatedly under any condition
5	Leakage Current	< 0.25 mA
6	Average Efficiency	Min. 85% (CEC & DOE Level VI compliant) Min. 85% (ErP Compliant) Min. 85.45% (EC COC Tier 2 compliant)
7	Input Power (no load)	<0.1W (CEC & DOE Level VI compliant) <0.1W (ErP Compliant) <0.075W (EC COC Tier 2 compliant)

Output

8	Output Voltage	See model selection guide
9	Output Current max.	See model selection guide
10	Line Regulation	±1%
11	Output Voltage Tolerance	±5%
12	Over Voltage Protection	Yes (Output shut down and auto restart)
13	Short Circuit Protection	Yes (Output shut down and auto restart)
14	Ripple Voltage (Full load)	Max. 150mV (p-p) at 100-240V AC Input *1)

(1). Ripples shall be measured with a 10uF electrolytic capacitor paralleled with a high-frequency 0.1uF ceramic capacitor across the output. The oscilloscope's bandwidth shall be set to 20MHz.

Others

15	Hi-pot Specification (input to output)	I/P-O/P : 3000Vac OR 4242VDC, 10mA 60Sec. (between primary side and secondary side.)
16	Insulation Resistance (input to output)	500VDC to test the input to output not to be less 100MΩ
17	Cooling	Natural Cooling
18	RoHS compliant	Yes

Environment

19	Temperature	Operating : 0°C to +40°C Storage : -10°C to +70°C
20	Humidity	Operating : 20% to 80% Storage : 10% to 90%
21	Packaging	white folding box

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Specifications

■ Cable & Connectors

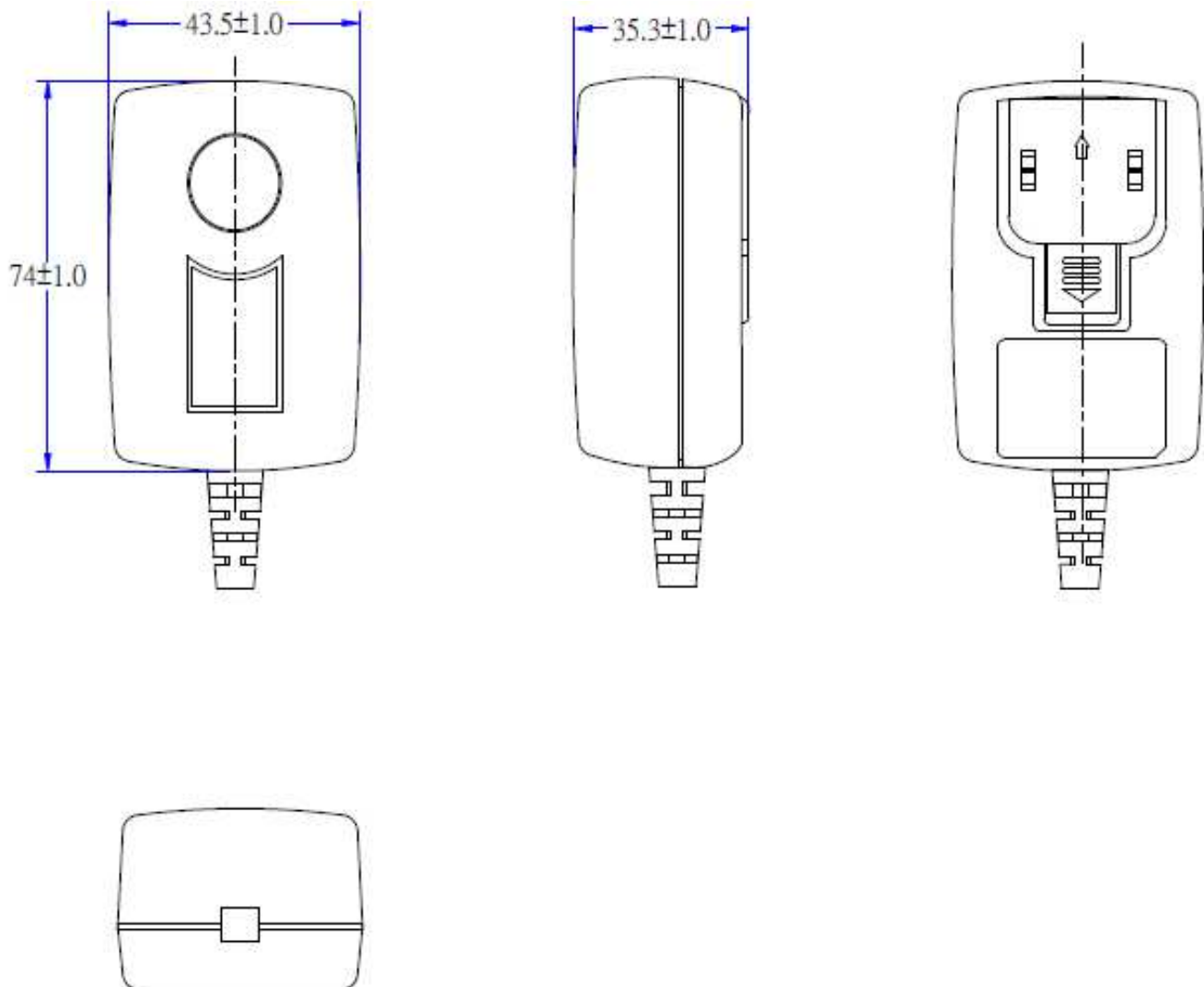
22	AC Plug	Interchangeable 4 AC-plugs (EUR, US, UK, AUS)
23	DC Plug	DC power plug: OD 5,5mm / ID 2,1mm / L 12mm
24	DC Cable	2 wire AWG20 (see drawing)

■ Safety & EMC

25	Europe	EMC	EN61204-3:2000, Class B EN55032:2012+AC:2013, Class B EN55024:2010
		LVD Safety ErP	2014/35/EU, EN 62368-1:2014/A11:2017 EN 62368-1:2014 / A11:2017 2019/1782
		Safety	UL62368-1 CSA C22.2 No. 62368-1 FCC Part 15 Subpart B Class B
26	North America		

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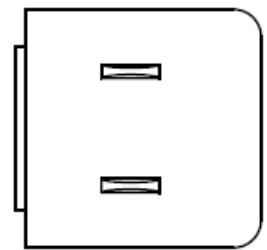
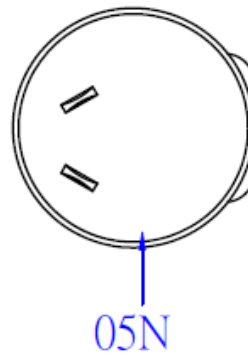
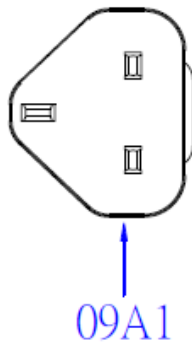
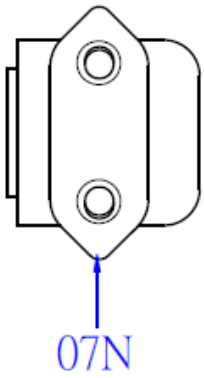
Dimensions



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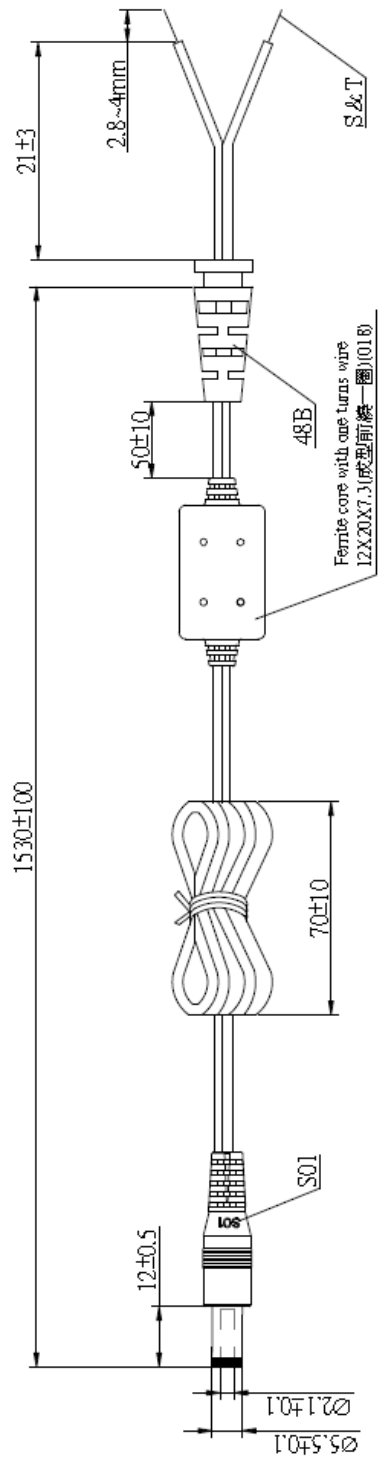
AC-plugs

(included separately in the package)



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DC cable / connector

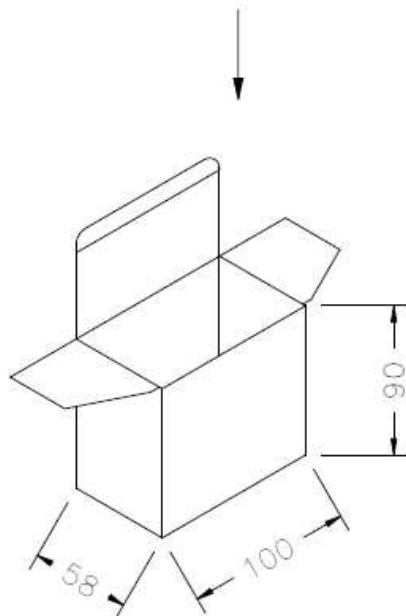
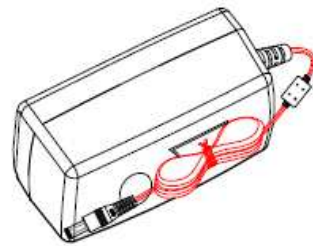
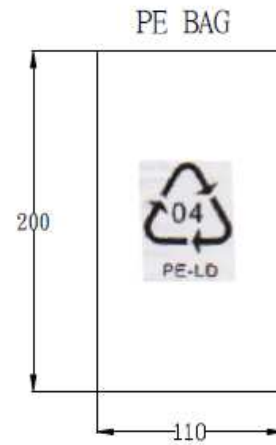
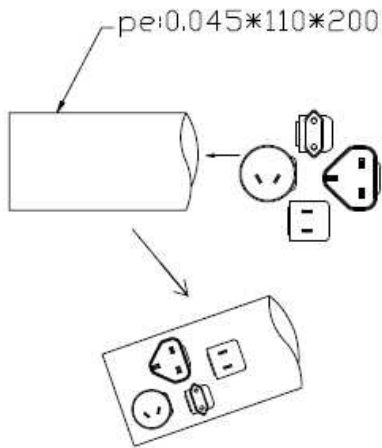


#20AWGX2C UL2468 HAVE ON WORD WIRE IN OUTER, NO WORD WIRE IN INNER

OD: Ø1.9*3.8

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Others / Drawings



White Box: NO.13

← 小礼盒号码 13#

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Contact

HY-LINE AG

Hochstrasse 355
CH-8200 Schaffhausen

Support:

+41 (0) 52 / 647 42 00

+41 (0) 52 / 647 42 01

eMAIL:

info@hy-line.ch



HY-LINE AG

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HY-LINE AG ist Spezialist für Batterien und Systeme. Im Fokus stehen neben Standardbatterien und Lade- und Wartungssysteme die Entwicklung und Konzeption von kundenspezifischen Batterien und Systemen.

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