

SPECIFICATION

Switching Wallmount Adapter Interchangeable AC Plugs Efficiency Level VI

Universal AC Input 30W 15VDC Output

P/N: W150020AX FL

Specification Approval

This specification (including cover page) is approved in it's entirety

Company Name

Print Name

Signature

Date



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1. General Description

- ◆ **Input** : **Universal 100 ~ 240 Vac / 50 ~ 60 Hz Input**
- ◆ **Output** : **+15V / 0~2.0A**
- ◆ **Case Dimension** : **79 (L) *35.3 (W) * 66 (H) mm**
- ◆ **Efficiency** : **Eff (av) \geq 87.4% (Meets Efficiency Level CEC VI)**
- ◆ **Safety** : **UL / cUL / PSE / BSMI / RCM**
- ◆ **EMI** : **CE / FCC Class B; Conduction & Radiation Met.**
- ◆ **Protection** : **OVP (Over Voltage Protection) , SCP (Short Circuit Protection)
OCP (Over Current Protection)**

2. Input

2.1 Voltage	Universal 100~240Vac, single phase
2.2 Frequency	50 ~ 60 Hz
2.3 Current	1A Max.
2.4 Inrush Current	70A Max. / 240Vac (Cold start at 25 °C , full load)
2.5 Efficiency	Eff (av) \geq 87.40 % (At 115 Vac & 230 Vac) Meets Level VI
2.6 Power Consumption	Pi \leq 0.1W (At 230Vac & No load) Meets Level VI

3. Output

3.1 DC Output	Voltage	+15 V \pm 5%
	Current	2.0A Max.
	Regulation	14.25min. ~ 15.00Vtyp. ~ 15.75Vmax.
	Ripple & Noise	150mV Max.
	Total Power	36W Max.

4. Protection

4.1 Over Voltage Protection (OVP)	(V out *180%) Max.
4.2 Short Circuit Protection (SCP)	Automatic recovery after short-circuit fault being removed
4.3 Over Current Protection(OCP)	(I out *200%) Max.

5. Safety

5.1 Safety Requirement

Safety : **UL / cUL / PSE / BSMI / RCM**

Dielectric Strength : **Cut off current 10mA**

(1)	Primary to Secondary	3000Vac for 1 Minute
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Insulation Resistance :

(1)	Primary to Secondary	10M Ohms for 500Vdc
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5.2 EMI Requirement : **CE / FCC Class B**

5.3 Leakage Current : **Less than 0.25mA**

6. Environmental

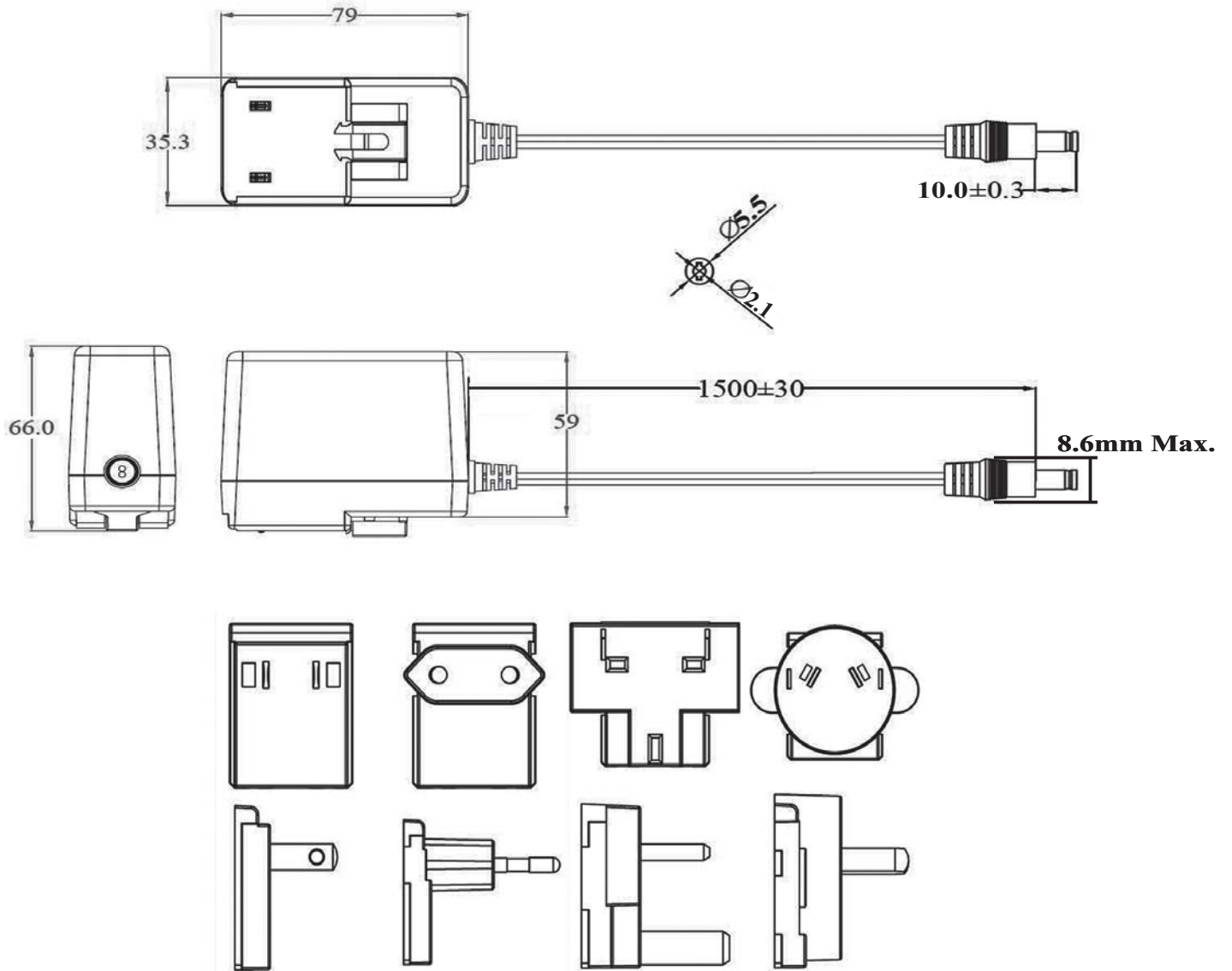
6.1 Temperature Range

Operating	+0°C ~ +40°C
Storage	-20°C ~ +80°C





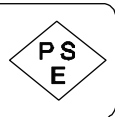








6.2 Humidity Range

Operating	20% ~ 80%RH
Storage	10% ~ 90%RH

7. Cable & Plug



8. Label

		AC Adapter
P/N: W150020AX FL		
Input: 100-240V ~ 50-60Hz 1A		
Output: 15V --- 2.0A 		
		
	RoHS LPS	
		
		
CAUTION (警告/警告) FOR I.T.E.USE ONLY. LIMITED POWER SOURCE. RISK OF ELECTRIC SHOCK. DO NOT OPEN.		
WWW.TOPMICRO.COM		
S/N:	Made in China	