

#### Features:

- Wide Operating Voltage 90 to 264 VAC, 47 to 63 Hz
- Interchangeable Plug
- Optional Output Connector (See page appendix)
- Single Output
- Class II
- Operating temperature -40~70°C
- Energy Star 2.0, Efficiency level V
- 3 year warranty



#### Electrical Characteristics:

Vin	Safety Approvals Input Voltage Range	100~240VAC	
	Operate Voltage Range	90~264VAC	
fin	Input Frequency	47~63Hz	
Po	Output Power Range	See rating chart	
Vo	Output Voltage Range	See rating chart	
Io	Output Current Range	See rating chart	
Iil	Input Current (Low Line)	Io=Full load, Vin=100VAC	0.7A
Iih	Input Current (High Line)	Io=Full load, Vin=240VAC	0.4A
Ir	Low Line Inrush Current	Io=Full load, 25°C, Cool start, Vin=115VAC	25~50A
	High Line Inrush Current	Io=Full load, 25°C, Cool start, Vin=230VAC	50~100A
Eff	Efficiency	Io=Full Load, Vin=230VAC	77~85%
REG-i	Line Regulation	Io=Full Load	0.5~1%
REG-o	Load Regulation	Vin=230VAC	3~5%
OVP	Over Voltage Protection	Nil	
OCP	Over Current Protection	Nil. But, Output protected to short circuit conditions	
Ttr	Time of Transient Response	Io=Full Load to Half Load, Vin=100VAC	4mS (max.)
Th	Hold-Up Time	Io=Full Load, Vin=110VAC	12mS (min.)
Ts	Start Up Time	Io=Full Load, Vin=100VAC	3S (max.)
Vp-p	Ripple & Noise(Peak to Peak)	Full Load, Vin=90VAC	1% (max.)
Iik	Leakage Current	Vin=240VAC/60Hz	0.25mA (max.)
TC	Temperature Coefficient	All output	±0.04%/°C
Pno	No-Load Power Consumption	No load, Vin=230VAC	See rating chart
Vps	Dielectric Withstanding Voltage for Primary to secondary	Primary to secondary	4242VDC (min.)
Ris	Isolation Resistance	Test Voltage=500VDC	50MΩ (min.)

#### Application:

- POS System
- AV Equipment
- Industrial PC
- Note PC
- Charger
- LED Lighting

#### Safety Approvals:



UL/c-UL (UL 60950-1:2nd Edition)  
TUV/GS (EN 60950-1:2nd Edition)

#### Environmental

To	Operating Temperature	See derating curve
Ts	Storage Temperature	-40~85°C
Ho	Operating Humidity	0~95%
Hr	Storage Humidity	0~95%
MTBF	Operating Temperature at 25°C, Calculated per MIL-HDBK-217F	0.1M Hrs (min.)
Pd	Derate linearly from 100% load at 40°C to 50% load at 70°C	



### Output Voltage And Current Rating Chart ( Single Output ) :

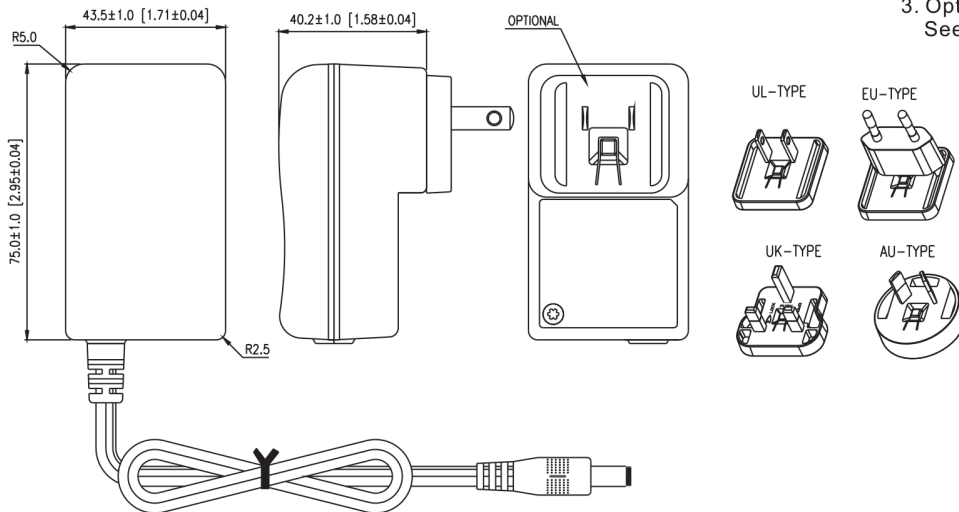
Model Number	Output Voltage	Output Current	Total Regulation	Max. Output Power	Pno (max.)
APU26-102	5 ~ 6 VDC	3.30 ~ 2.75 A	5%	16.5W	0.3W
APU26-103	6 ~ 8 VDC	3.33 ~ 2.50 A	5%	20W	0.3W
APU26-104	8 ~ 11 VDC	2.75 ~ 2.00 A	5%	22W	0.3W
APU26-105	11 ~ 13 VDC	2.27 ~ 1.92 A	5%	25W	0.3W
APU26-106	13 ~ 16 VDC	1.92 ~ 1.56 A	5%	25W	0.3W
APU26-107	16 ~ 21 VDC	1.56 ~ 1.19 A	5%	25W	0.3W
APU26-108	21 ~ 27 VDC	1.19 ~ 0.92 A	3%	25W	0.3W
APU26-109	27 ~ 33 VDC	0.92 ~ 0.75 A	3%	25W	0.3W
APU26-110	33 ~ 40 VDC	0.75 ~ 0.62 A	3%	25W	0.3W
APU26-111	40 ~ 48 VDC	0.62 ~ 0.53 A	3%	25W	0.3W

APU26-102~109 are required to use AWG#18×2C/4FT output cable.

APU26-110~111 are required to use AWG#20×2C/4FT output cable.

The electrical characteristics will be changed by modified output cable.

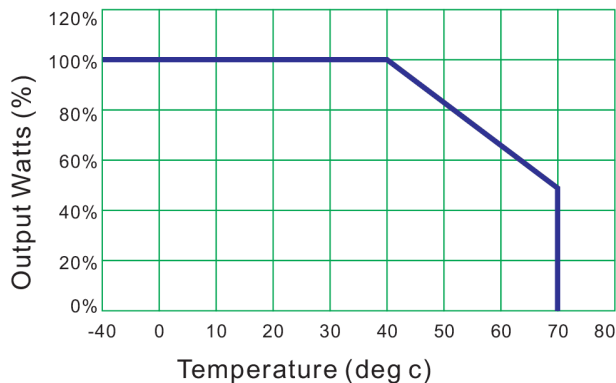
### Mechanical Specifications:



#### Note:

1. Dimensions are shown in mm.
2. Weight: 200gs approx.
3. Optional output connector:  
See page Appendix.

### Derating Curve :



1. Operating Temperature: -40 to 70°C
2. Derate linearly from 100% load at 40°C to 50% load at 70°C

North America Office:  
**L.Q.P. Enterprises Co., LTD.**  
 175-5489 Byrne Road,  
 Burnaby, B.C. V5J 3J1 Canada  
 TEL: (604)451-7899 FAX: (604)451-7858  
[www.LeadingQP.com](http://www.LeadingQP.com), [www.LQP.ca](http://www.LQP.ca)