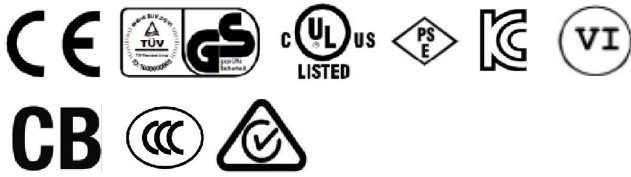


KT24W SERIES

24W SWITCHING AC-DC ADAPTER

Interchangeable plug Type



Features

- * Universal Input Range 90~264VAC
- * Meets EN55022 Class B and CISPR/FCC Class B
- * Continuous Short Circuit Protection
- * Over Voltage Protection
- * Meet CEC & ErP Level VI
- * Input Plugs can be Changed and Replaced for Various Countries / Regions



Typical Model List

OUTPUT VOLTAGE	OUTPUT CURRENT	RIPPLE & NOISE (NOTE 2)	VOLTAGE ACCURACY (NOTE 1)	LINE REGULATION (NOTE 3)	LOAD REGULATION (NOTE 4)	MAX OUTPUT POWER
4.0-5.0V	4000mA	150mV	±5%	±1%	±5%	20.0W
5.1-6.0V	3000mA	150mV	±5%	±1%	±5%	18.0W
7.0-12.0V	2000mA	150mV	±5%	±1%	±5%	24.0W
12.1-12.6V	1800mA	150mV	±5%	±1%	±5%	22.68W
12.7-15.0V	1500mA	150mV	±5%	±1%	±5%	22.5W
15.1-24.0V	1000mA	150mV	±5%	±1%	±5%	24.0W

Specification

INPUT SPECIFICATIONS:

Voltage 90~264Vac
 Frequency 47 to 63Hz
 Input Current 0.8A max.
 Inrush Current Cold Start @25°C 60A max. @240Vac
 Leakage Current 0.25mA max.

OUTPUT SPECIFICATIONS:

Hold-up Time 10ms typ. @115Vac
 Short Circuit Protection..... Continuous(Auto Recovery)
 Over Voltage Protection..... Yes
 Temperature Coefficient..... $\pm 0.05\%/^{\circ}\text{C}$

GENERAL SPECIFICATIONS:

Hi-pot Input to output = 3.000VDC
 Operating Temperature 0 ~ 40°C
 Storage Temperature..... -20 ~ 80°C
 Humidity......85% RH max. Non condensing

Cooling..... Natural Convection
 Switching Frequency 50KHz Typical
 MTBFMIL-HDBK-217F, GB, at 25°C/115VAC....50Khrs min.
 Altitude 5000m

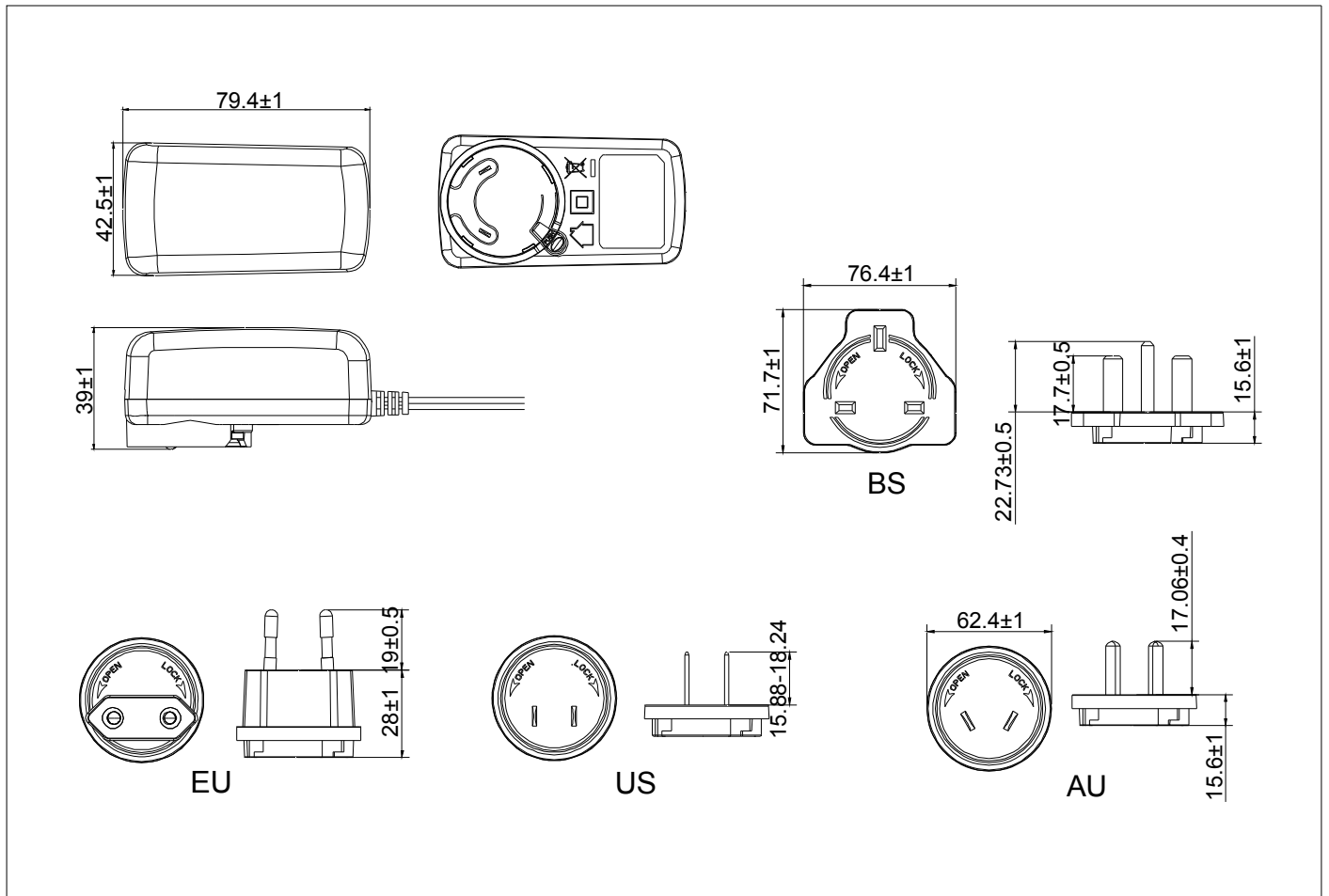
SAFETY AND EMC:

Emission and Immunity EN55022 Class B, FCC Part 15
 Class B EN61000-6-3,EN61000-3-2,EN61000-3-3, EN55024
 Safety IEC60950, EN60950, UL60950,
 IEC60065, EN60065, IEC61558, EN61558

NOTE:

1. Voltage accuracy at 60% full load.
2. Add a 0.1uF ceramic capacitor and a 10uF E.L. capacitor to output for Ripple & Noise measurement @20MHz BW.
3. Line regulation is measured from 100V to 240Vac full load.
4. Load regulation is measured from 60% to 100% full load and from 60% to 20% full load (60% +/- 40% full load)

Mechanical Specification



All Dimensions are in mm, Tolerance: X.X±0.5

Typical at 25°C, nominal line and 75% load, unless otherwise Specified