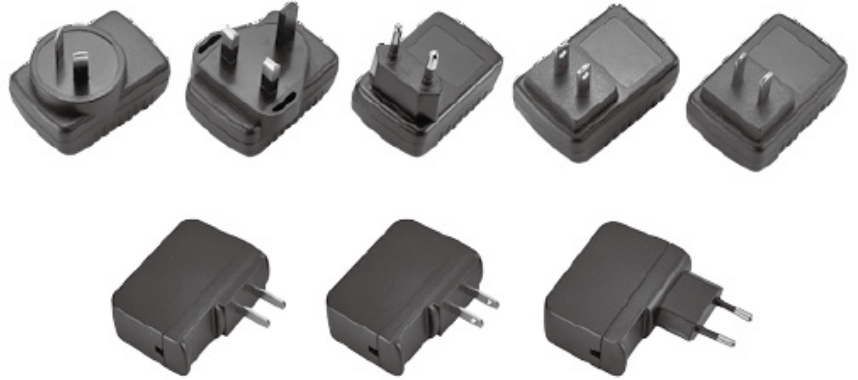


EM1019 Series

AC/DC Medical Wall Mount Type 15~24Watts Max.

- DoE Compliance
- RoHS Compliance
- Over Voltage Protective Installation
- Over Current Protective Installation
- Short Circuit Protective Installation
- Protection Type: Recovery
- MTBF > 100,000 hours



EM1019XYZT - vv PP

X: Output Range

Y: Case type: (V) Vertical

Z: AC Plug type:

• U: USA • E: EU • K: UK • A; SAA • C: China

T: Output type: S (SR)

vv: Specified output voltage, i.e. 24 is 24VDC

PP: Connector type, ie 01 for EDACPOWER standard dc cable or please refer to the appendix page

Electrical Specifications

MODEL No.	Max. Output Power [W]	Output Voltage [Vo]	Min. Load [Io]	Max. Load [Io]	Load Regulation	Line Regulation	Ripple & Noise
EM1019A	15W	5V~8V	0A	3.0A	±5%	±1%	100mV
EM1019B	20W	9V~13V	0A	2.0A	±5%	±1%	150mV
EM1019C	20W	14-19V	0A	1.42A	±5%	±1%	2000mV
EM1019D	20W	20-27V	0A	1.0A	±5%	±1%	250mV
EM1019E	20W	28-35V	0A	0.71A	±5%	±1%	280mV
EM1019F	20W	36-48V	0A	0.55A	±5%	±1%	360mV
EM1019G	18W	5-8V	0A	3.0A	±5%	±1%	100mV
EM1019H	24W	9-13V	0A	2.0A	±5%	±1%	180mV
EM1019J	24W	14-19V	0A	1.71A	±5%	±1%	200mV
EM1019K	24W	20-27V	0A	1.2A	±5%	±1%	250mV
EM1019M	24W	28-35V	0A	0.85A	±5%	±1%	280mV
EM1019N	24W	36-48V	0A	0.66A	±5%	±1%	360mV

NOTE:

1 : Ripple & Noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1uF ceramic capacitor & parallel with 47uF aluminum capacitor at full load and nominal line.

2 : Line regulation is defined by changing ±10% of input voltage from nominal line at rated load.

3 : Max. Power (W) ≥ Vo x Io

EM1019 Series

Electrical Specifications

Input

- Input Range 100 to 240 VAC
- Frequency 50 to 60Hz
- Input Current $\geq 0.8A$
- Inrush Current $\leq 80A$ at 230 Vac At cold start, maximum load
- Turn On Time $\leq 3s$

Output

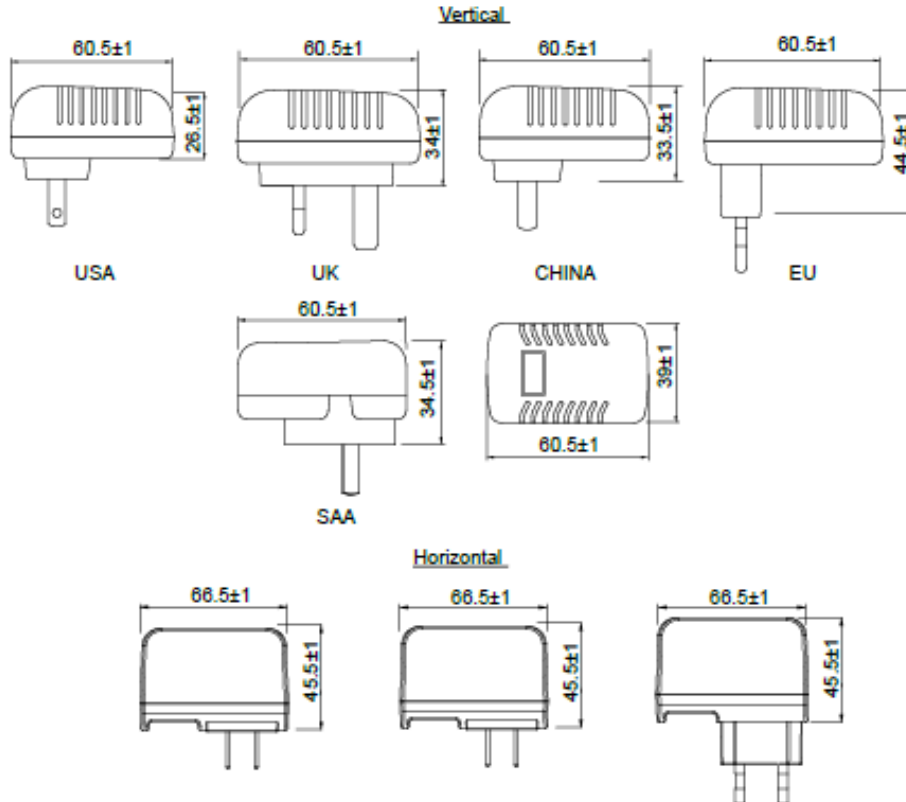
- Short Circuit Protection Auto Recovery
- Over Voltage Protection Auto Recovery
- Over Current Protection Auto Recovery
- Efficiency Meet CEC Level VI (DoE)
- No Load power $\leq 0.1W$

Environment

- Operating Temperature 0 to 40°C
- Storage Temperature -20 to +85°C
- Storage Humidity 5% to 95%

Mechanical Specifications

- Case Size: Vertical: 60.5L x 39W x 26.5H (mm)
Horizontal: 66.5L x 26W x 45.5H (mm)
- AC Plug: U: USA, E: EU, K: UK, A: SAA, C: CHINA S: South Africa, B: Korea, I: India
- Weight: 120g



Safety

- UL/cUL, UL60601, TUV EN60601, CB 60601, CE, FCC