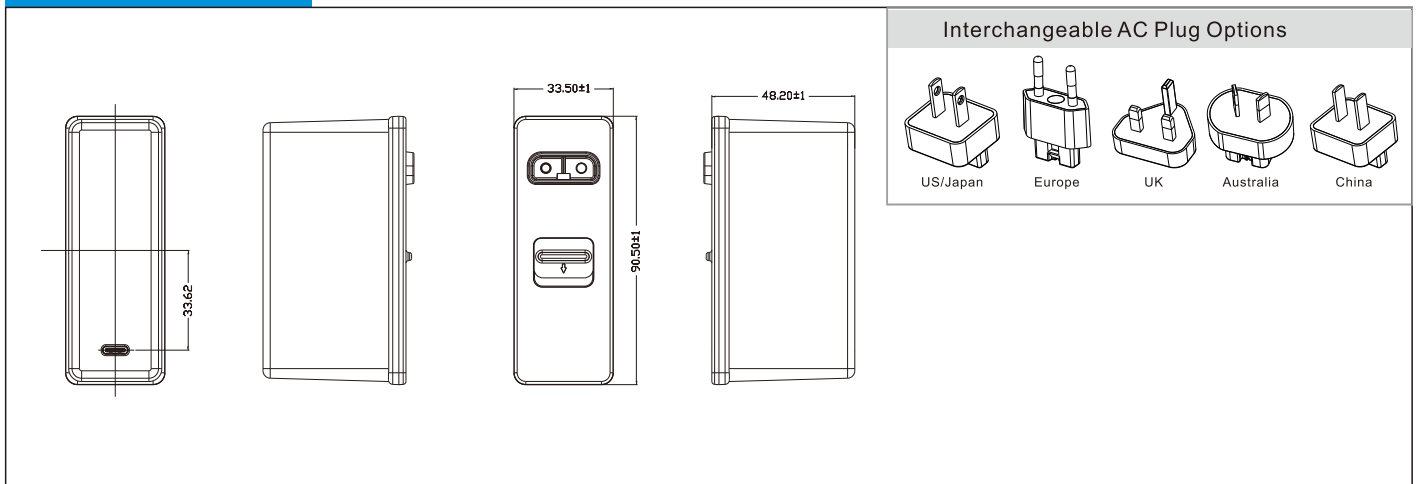


Product Features

- Ac input voltage range 80-264VAC
- Protections against: short circuit/over current
- Leakage current : $\leq 100\mu\text{A}$
- Energy efficiency level VI
- $\leq 0.1\text{W}$ standby power
- Type-C compatible with PD3.0, QC4.0, PPS
- Waterproof protection up to IP42


Models & Parameters

Model Number	Voltage (V)	Current (A)	Rated Power	Ripple & Noise (max)(*1)	Voltage Tolerance	Line & Load Regulation	Efficiency (Average)	Start Up Delay
UES30LCP-SPC	5.0	0.01-3.00	15.00W	600mVpk-pk	$\pm 10\%$	Line: $\pm 1\%$ Load: $\pm 5\%$	86.2%	$\leq 3\text{s}$
	9.0	0.01-3.00	27.00W	600mVpk-pk	$\pm 10\%$		86.2%	$\leq 3\text{s}$
	12.0	0.01-2.50	30.00W	600mVpk-pk	$\pm 10\%$		86.2%	$\leq 3\text{s}$
	15.0	0.01-2.00	30.00W	600mVpk-pk	$\pm 10\%$		86.2%	$\leq 3\text{s}$
	20.0	0.01-1.50	30.00W	600mVpk-pk	$\pm 10\%$		86.2%	$\leq 3\text{s}$

Mechanical Details

Notes

(*1) Measured at output connector with 20MHz bandwidth and 0.1uF ceramic in parallel with 10uF electrolytic capacitors

Input

Input Voltage Range	80-264VAC
Frequency Range	47-63Hz
Input Current	1.0A at 80VAC
Inrush Current	70A max at 240VAC cold start
Touch Leakage Current ^(max)	≤100µA at 264VAC

Environmental

Operating Temperature	-10°C to 40°C
Storage Temperature	-5°C to 70°C
Operating Humidity	10% to 90% RH, non-condensing
Storage Humidity	5% to 90% RH
Operating Altitude	5,000m

General

Dimensions	48.2(L) 35.5(W) 90.5(H)mm
Weight	105g
MTBF	>50,000hrs MIL-HDBK-217 at 25°C

Protection

Overload	110-200% rated output power, auto recovery
Over Voltage	120-150% rated output voltage input to reset
Short Circuit	Trip and restart (hiccup mode)

Safety Approvals

Safety Agency / Mark	Medical	ITE
Pending		

EMC

Emission	Medical	ITE
Conduction	IEC/EN60601-1-2, CISPR 11	EN55032, CISPR 32
Radiation	IEC/EN60601-1-2, CISPR 11	EN55032, CISPR 32
Harmonic Currents	EN61000-3-2, Class A	EN61000-3-2, Class A
Voltage Flicker	EN61000-3-3	EN61000-3-3
Immunity	IEC/EN60601-1-2	En55035, CISPR 35
ESD	IEC61000-4-2	±15KV air, ±8KV contact
Radiated Immunity	IEC61000-4-3	10V/m, 3V/m 80MHz - 2.7GMHz
EFT/Burst	IEC61000-4-4	±2KV on AC port, ±1KV on signal ports
Surge	IEC61000-4-5	±1KV line to line (different mode)
Conducted Immunity	IEC61000-4-6	3Vrms, 6Vrms (0.15MHz-80MHz)
Magnetic Field	IEC61000-4-8	30 A/m
Dips & Interruptions	IEC61000-4-11	0%, 70%, 0% of UT