

Universal 30 Watts - UES30LCP-SPC Series

Product Features

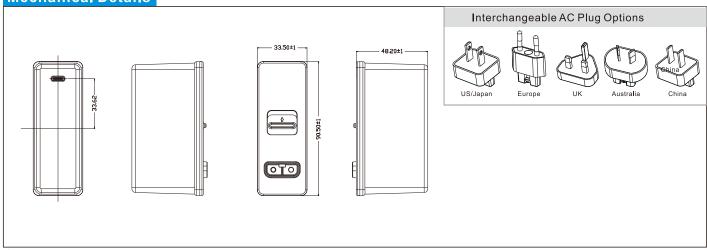
- Ac input voltage range 80-264VAC
- Protections against:short circuit/over current
- Leakage current : ≤ 100μA
- Energy efficiency level VI
- ≤ 0.1W standby power
- Type-C compatible with PD3.0、QC4.0、PPS
- Waterproof protection up to IP42



Models & Parameters

Model Number	Voltage (V)	Current (A)	Rated Power	Ripple & Noise	Voltage Tolerance	Line & Load Regulation	Efficiency (Average)	Start Uլ Delay
	5.0	0.01-3.00	15.00W	600mVpk-pk	±10%		86.2%	≤3s
UES30LCP-SPC	9.0	0.01-3.00	27.00W	600mVpk-pk	±10%	Line: ±1%	86.2%	≤3s
	12.0	0.01-2.50	30.00W	600mVpk-pk	±10%	Load: ±5%	86.2%	≤3s
	15.0	0.01-2.00	30.00W	600mVpk-pk	±10%		86.2%	≤3s
	20.0	0.01-1.50	30.00W	600mVpk-pk	±10%		86.2%	≤3s

Mechanical Details



Notes

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





Universal 30 Watts - UES30LCP-SPC Series

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 General

Operating Temperature -10°C to 40°C Dimensions 48.2(L) 35.5(W) 90.5(H)mm

Storage Temperature -5° C to 70° C Weight 0 perating Humidity 10% to 90% RH, non-condensing MTBF >50,00

Operating Humidity 10% to 90% RH, non-condensing MTBF >50,000hrs MIL-HDBK-217 at 25°C Storage Humidity 5% to 90% RH

Operating Altitude 5,000m

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

Protection

EMC

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