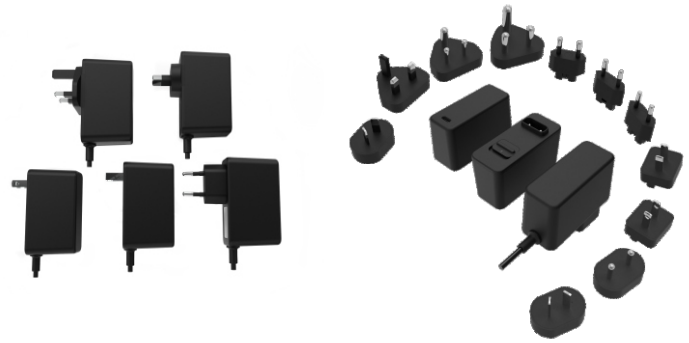


PD Fast Charger UES33LZ-SPC Series

NEW

Features

- ◆ Meet medical & I.T.E. safety approvals
- ◆ 2 MOPP input to output isolation
- ◆ Leakage current $\leq 100\mu\text{A}$
- ◆ Energy efficiency level VI
- ◆ $\leq 0.1\text{W}$ standby power
- ◆ 5V/9V/12V/15V/20V outputs, up to 30W
- ◆ Up to 5,000m operating altitude
- ◆ Optional fixed plug / interchangeable plug design
- ◆ Meet USB PD3.0&QC3.0&QC2.0 fast charge agreement



Input Voltage Range	80-264VAC	Operating Temperature	0~40°C
Input Current	0.8A	Storage Temperature	-40~80°C
Average Efficiency	Energy efficiency level VI	Operating Humidity	10% to 90% non condensing
Output Voltage Tolerance	$\pm 5\%$	MTBF	100,000 hours at full load at 25°C ambient, calculated per MIL-HDBK-217
Standby Power	0.1W		
Safety Standard	Meets CE(EN62368-1), CB(IEC62368-1), TUV-GS(EN62368-1), CCC(GB4943.1), cULus(UL62368-1)		
Weight	130g	Dimensions	90.5mm (L); 33.5mm (W); 48.0mm (H)
Applications	portable device		

Output data (UES33LZ-SPC)

Model	Voltage (V)	Current (A)	Ripple (mV)	VI		Av. Eff. (%)
				115	230	Min
UES30LCP-SPC	5.0	0.01-3.00	200	Y	Y	81.38
	9.0	0.01-3.00	200	Y	Y	86.62
UES30LCP2-SPC	12.0	0.01-2.50	200	Y	Y	86.95
	15.0	0.01-2.00	200	Y	Y	86.95
	20.0	0.01-1.50	200	Y	Y	86.95

Standard

EMC standard	EN55032/CISPR32;EN55035/CISPR35
Conduction & Radiation	EN55032/CISPR32 Class B
Harmonic Currents	IEC/EN 61000-3-2 Class A
Voltage Flicker	IEC/EN 61000-3-3
ESD	IEC/EN 61000-4-2 $\pm 15\text{KV}$ Air, $\pm 8\text{KV}$ Contact Class B
Radiated Immunity	IEC/EN 61000-4-3 10V/m, 3V/m 80MHz - 2.7GHz
EFT/Burst	IEC/EN 61000-4-4 $\pm 2\text{KV}$ on AC port, $\pm 1\text{KV}$ on signal ports
Surge	IEC/EN 61000-4-5 $\pm 1\text{KV}$ line to line (DM)
Conducted Immunity	IEC/EN 61000-4-6 3Vrms, 6Vrms (0.15MHz-80MHz)
Dips & Interruptions	IEC/EN 61000-4-11 0%, 70%, 0% of UT