UE Electronic

Switching Power Adaptor
Desktop style

Universal 48 Watts - UES48-SPAZ Series

IP22 Class I & II

Product Features

- Meets medical & I.T.E. safety
- 2 MOPP input to output isolation
- Touch current ≤ 100μA
- Earth Leakage current ≤ 5mA
- Energy efficiency level VI
- ≤0.075 Watts Standby Power
- 9.1V-54V outputs, up to 48W
- 5,000m Operating Altitude

Models & Parameters

Model Number	Voltage(*1) (V)	Current (A)	Rated Power	Ripple & Noise (max)	Voltage Tolerance	Line & Load Regulation	Efficiency (Average)	Start Up Delay
UES48-XXXYYYSPAZ	9.1-10.0	0.01-4.50	45.00W	120mVpk-pk	±5%	Line: ±1% Load: ±5%	88.7%	≤3s
	10.1-11.0	0.01-4.36	47.96W	120mVpk-pk	±5%		89.0%	≤3s
	11.1-12.0	0.01-4.00	48.00W	120mVpk-pk	±5%		89.0%	≤3s
	12.1-13.0	0.01-3.69	47.97W	120mVpk-pk	±5%		89.0%	≤3s
	13.1-14.0	0.01-3.42	47.88W	120mVpk-pk	±5%		89.0%	≤3s
	14.1-15.0	0.01-3.20	48.00W	120mVpk-pk	±5%		89.0%	≤3s
	15.1-16.0	0.01-3.00	48.00W	120mVpk-pk	±5%		89.0%	≤3s
	16.1-17.0	0.01-2.82	47.94W	120mVpk-pk	±5%		89.0%	≤3s
	17.1-18.0	0.01-2.66	47.88W	120mVpk-pk	±5%		89.0%	≤3s
	18.1-19.0	0.01-2.52	47.88W	120mVpk-pk	±5%		89.0%	≤3s
	19.1-20.0	0.01-2.40	48.00W	120mVpk-pk	±5%		89.0%	≤3s
	20.1-21.0	0.01-2.28	47.88W	150mVpk-pk	±5%		89.0%	≤3s
	21.1-22.0	0.01-2.18	47.96W	150mVpk-pk	±5%		89.0%	≤3s
	22.1-23.0	0.01-2.08	47.84W	150mVpk-pk	±5%		89.0%	≤3s
	23.1-24.0	0.01-2.00	48.00W	150mVpk-pk	±5%		89.0%	≤3s
	24.1-25.0	0.01-1.92	48.00W	150mVpk-pk	±5%		89.0%	≤3s
	25.1-26.0	0.01-1.84	47.84W	150mVpk-pk	±5%		89.0%	≤3s
	26.1-27.0	0.01-1.77	47.79W	150mVpk-pk	±5%		89.0%	≤3s
	27.1-28.0	0.01-1.71	47.88W	150mVpk-pk	±5%		89.0%	≤3s
	28.1-29.0	0.01-1.65	47.85W	150mVpk-pk	±5%		89.0%	≤3s
	29.1-30.0	0.01-1.60	48.00W	150mVpk-pk	±5%		89.0%	≤3s
	30.1-31.0	0.01-1.54	47.74W	300mVpk-pk	±5%		89.0%	≤3s
	31.1-32.0	0.01-1.50	48.00W	300mVpk-pk	±5%		89.0%	≤3s
	32.1-33.0	0.01-1.45	47.85W	300mVpk-pk	±5%		89.0%	≤3s
	33.1-34.0	0.01-1.41	47.94W	300mVpk-pk	±5%		89.0%	≤3s
	34.1-35.0	0.01-1.37	47.95W	300mVpk-pk	±5%		89.0%	≤3s
	35.1-36.0	0.01-1.33	47.88W	300mVpk-pk	±5%		89.0%	≤3s
	36.1-37.0	0.01-1.29	47.73W	300mVpk-pk	±5%		89.0%	≤3s
	37.1-38.0	0.01-1.26	47.88W	300mVpk-pk	±5%		89.0%	≤3s
	38.1-39.0	0.01-1.23	47.97W	300mVpk-pk	±5%		89.0%	≤3s
	39.1-40.0	0.01-1.20	48.00W	300mVpk-pk	±5%		89.0%	≤3s
	40.1-41.0	0.01-1.17	47.97W	300mVpk-pk	±5%		89.0%	≤3s
	41.1-42.0	0.01-1.14	47.88W	300mVpk-pk	±5%		89.0%	≤3s
	42.1-43.0	0.01-1.11	47.73W	300mVpk-pk	±5%		89.0%	≤3s
	43.1-44.0	0.01-1.09	47.96W	300mVpk-pk	±5%		89.0%	≤3s
	44.1-45.0	0.01-1.06	47.70W	300mVpk-pk	±5%		89.0%	≤3s
	45.1-46.0	0.01-1.04	47.84W	300mVpk-pk	±5%		89.0%	≤3s
	46.1-47.0	0.01-1.02	47.94W	300mVpk-pk	±5%		89.0%	≤3s
	47.1-48.0	0.01-1.00	48.00W	300mVpk-pk	±5%		89.0%	≤3s
	48.1-49.0	0.01-0.97	47.53W	300mVpk-pk	±5%		89.0%	≤3s
	49.1-50.0	0.01-0.96	48.00W	300mVpk-pk	±5%		89.0%	≤3s
	50.1-51.0	0.01-0.94	47.94W	300mVpk-pk	±5%		89.0%	≤3s
	51.1-52.0	0.01-0.92	47.84W	300mVpk-pk	±5%		89.0%	≤3s
	52.1-53.0	0.01-0.90	47.70W	300mVpk-pk	±5%		89.0%	≤3s
	53.1-54.0	0.01-0.88	47.52W	300mVpk-pk	±5%		89.0%	≤3s

Model encoding: replace "Z" with "1" for C8 (Class II), "2" for C6 (Class I), "3" for C14 (Class I) AC inlets

Notes
(*1) Other options are available, please contact our sales representative for details.