



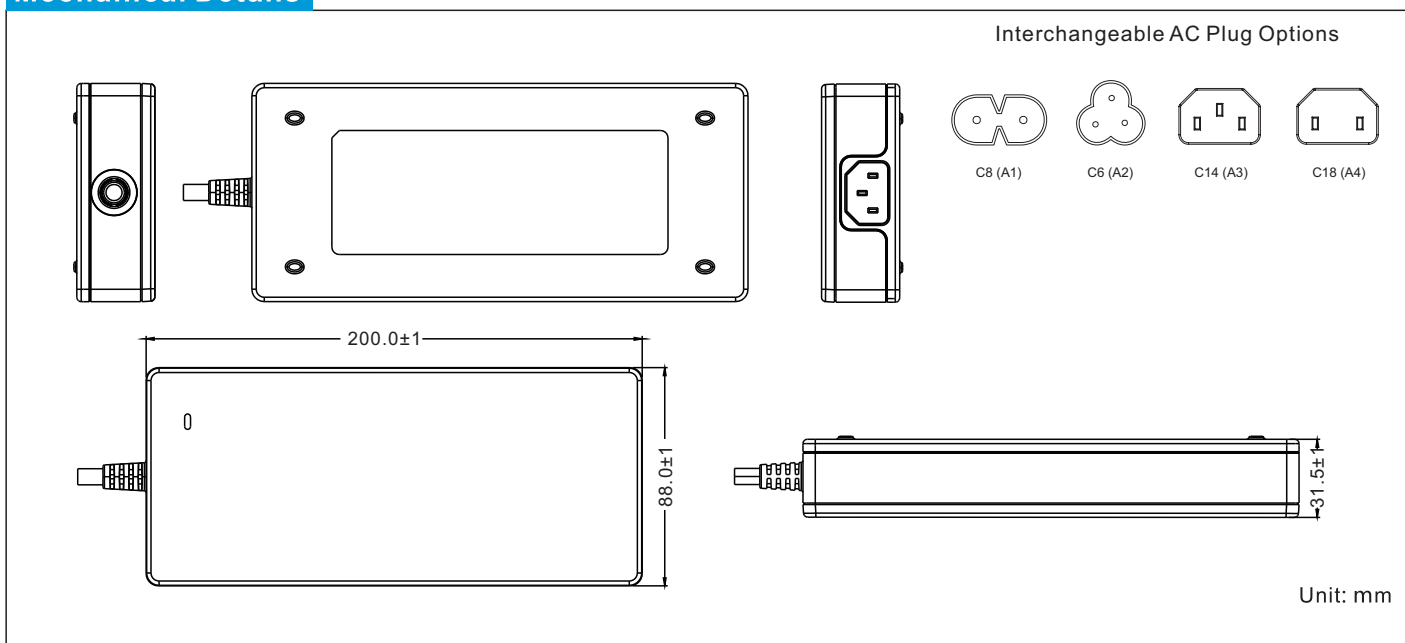
IP42 CLASS I & II (VII)

Product Features

- Medical & I.T.E. safety standard
- 2 MOPP input to output isolation
- Touch current $\leq 100\mu\text{A}$
- Energy efficiency Level VII
- $\leq 0.15\text{W}$ standby power
- 12V-54V outputs, up to 310W
- Up to 5,000m operating altitude
- 4 types of AC inlet


Models & Ratings

Model Number	Voltage ^(*)	Current	Rated Power	Ripple & Noise (max) ^(*)	Voltage Tolerance	Line & Load Regulation	Efficiency	Start Up Delay
UES310D-XXXYYYSPAZ	12.0	0.01-19.50	234.0W	200mVpk-pk	$\pm 5\%$	Line: $\pm 1\%$ Load: $\pm 5\%$	92.0%	$\leq 3\text{s}$
	15.0	0.01-18.00	270.0W	200mVpk-pk	$\pm 5\%$		92.0%	$\leq 3\text{s}$
	19.0	0.01-15.50	294.5W	240mVpk-pk	$\pm 5\%$		93.0%	$\leq 3\text{s}$
	20.0	0.01-15.00	300.0W	240mVpk-pk	$\pm 5\%$		93.0%	$\leq 3\text{s}$
	24.0	0.01-12.50	300.0W	300mVpk-pk	$\pm 5\%$		93.0%	$\leq 3\text{s}$
	48.0	0.01-6.46	310.0W	400mVpk-pk	$\pm 5\%$		93.0%	$\leq 3\text{s}$
	54.0	0.01-5.74	310.0W	500mVpk-pk	$\pm 5\%$		93.0%	$\leq 3\text{s}$

Mechanical Details

Notes

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

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