

	12V	24V	30V	36V
Available versions	x			
Input voltage	90 - 264VAC			
Line frequency	47 - 63Hz			
Output voltage	12V $\pm$ 2.5%	24V $\pm$ 2.5%	30V $\pm$ 2.5%	36V $\pm$ 2.5%
Max output power	150W	180W	180W	180W
Min. output current	0A			
Max. output current	12.5A	7.5A	6A	5A
Load regulation (0 - 100% load. Measured on PSB)	< 1%			
Mains regulation: (Mains variation: 90 - 264V, 100% load)	< 0,5%			
Ripple & Noise: (at 20MHz bandwidth)	< 150mV p-p	< 150mV p-p	< 200mV p-p	< 200mV p-p
Efficiency (at 100% load, 230V) approx.	0.9	0.91	0.91	0.91
Standby power	<0.15W			
Average efficiency at 100%,75%, 50% and 25% load	>89%			
Efficiency level VI	Yes			
Switch frequency approx.	100kHz			
Overshoot (90 - 10% load variation)	< 350mV			
Undershoot (10 - 90% load variation):- Measured on pcb	< 350mV			
Hold up time	>15ms			
Temperature range, operating	-20 to +40oC			
Temperature range, with derating	+60oC			
Temperature range, storage	-25 to +85oC			
Derating	4W/oC over 40oC			
Safety	EN/ IEC 60601-1 ed. 3.1, EN / IEC 62368-1			
Insulation class	Class II or Class I			
Insulation voltage: Primary – secondary	4000VAC / 5700VDC			
EMC standards	EMC med. EN 60601-1-2 / Emission EN 61000-6-3 / Immunity EN 61000-6-1			
IP-degree	IP4X and IP44			
Input terminal	2-pins IEC320 C8 connector / 3-pins IEC320 C14 connector / 3-pins fixed cord			
Output terminals	Cord with/without plug. Exchangeable plugs available.			
Dimensions	203.5 x 87 x 43.5 mm			
Weight	915g.			

	48V
Available versions	x
Input voltage	90 - 264VAC
Line frequency	47 - 63Hz
Output voltage	48V $\pm$ 2.5%
Max output power	180W
Min. output current	0A
Max. output current	3.75A
Load regulation (0 - 100% load. Measured on PSB)	< 1%
Mains regulation: (Mains variation: 90 - 264V, 100% load)	< 0,5%
Ripple & Noise: (at 20MHz bandwidth)	< 200mV p-p
Efficiency (at 100% load, 230V) approx.	0.91
Standby power	<0.15W
Average efficiency at 100%,75%, 50% and 25% load	>89%
Efficiency level VI	Yes
Switch frequency approx.	100kHz
Overshoot (90 - 10% load variation)	< 350mV
Undershoot (10 - 90% load variation):- Measured on pcb	< 350mV
Hold up time	>15ms
Temperature range, operating	-20 to +40oC
Temperature range, with derating	+60oC
Temperature range, storage	-25 to +85oC
Derating	4W/oC over 40oC
Safety	EN/ IEC 60601-1 ed. 3.1, EN / IEC 62368-1
Insulation class	Class II or Class I
Insulation voltage: Primary – secondary	4000VAC / 5700VDC
EMC standards	EMC med. EN 60601-1-2 / Emission EN 61000-6-3 / Immunity EN 61000-6-1
IP-degree	IP4X and IP44
Input terminal	2-pins IEC320 C8 connector / 3-pins IEC320 C14 connector / 3-pins fixed cord
Output terminals	Cord with/without plug. Exchangeable plugs available.
Dimensions	203.5 x 87 x 43.5 mm
Weight	915g.