

	5V	12V	16V	24V
Available versions		x	x	x
Input voltage	198 - 264V AC 260 - 340V DC			
Line frequency	47 - 50Hz			
Output voltage, nominal	5V	12.5V	16V	24V
Output voltage, adjustable	5 – 6.5V	12 -13.2V	15.5 - 18V	22 - 26V
Max output power	140W	213W continuous - 265W intermittent	260W	265W
Min. output current	0A			
Max. output current	20A	17A continuous - 20A intermittent	16A	10A
Load regulation (0 - 100% load. Measured on PSB)	<1.5%	< 0.5%	< 0.3%	< 0.3%
Mains regulation: (Mains variation: 90 - 264V, 100% load)	<0.1%	< 0.1%	< 0.1%	< 0.1%
Ripple & Noise: (at 20MHz bandwidth)	< 20mV p-p			
Efficiency (at 100% load, 230V) approx.	0.88	0.92	0.93	0.93
Switch frequency approx.	65kHz			
Overshoot (90 - 10% load variation)	< 300mV			
Undershoot (10 - 90% load variation):- Measured on pcb	< 300mV			
Hold up time	>20ms			
Temperature range	-20 to +40oC +60oC			
Derating	6.5W/oC over 40oC			
Safety	EN60601-1			
Insulation class	Class II			
Insulation voltage: Primary – secondary	4000VAC / 5700VDC			
EMC standards	EN 60601-1-2: 2015 (Edition 4)			
IP-degree	With 2 pin IEC 60320: IP41. With mains cable: IP44.			
Input terminal	2 pin IEC60320 or mains cable			
Output terminals	Secondary cable with open ends.			
Dimensions	210 × 113 × 53mm			
Weight	1400g			

	48V
Available versions	x
Input voltage	198 - 264V AC 260 - 340V DC
Line frequency	47 - 50Hz
Output voltage, nominal	48V
Output voltage, adjustable	46 - 50V
Max output power	250W
Min. output current	0A
Max. output current	5.2A
Load regulation (0 - 100% load. Measured on PSB)	<0.3%
Mains regulation: (Mains variation: 90 - 264V, 100% load)	<0.1%
Ripple & Noise: (at 20MHz bandwidth)	< 20mV p-p
Efficiency (at 100% load, 230V) approx.	0.92
Switch frequency approx.	65kHz
Overshoot (90 - 10% load variation)	< 300mV
Undershoot (10 - 90% load variation):- Measured on pcb	< 200mV
Hold up time	>20ms
Temperature range	-20 to +40oC +60oC
Derating	6.5W/oC over 40oC
Safety	EN60601-1
Insulation class	Class II
Insulation voltage: Primary – secondary	4000VAC / 5700VDC
EMC standards	EN 60601-1-2: 2015 (Edition 4)
IP-degree	With 2 pin IEC 60320: IP41. With mains cable: IP44.
Input terminal	2 pin IEC60320 or mains cable
Output terminals	Secondary cable with open ends.
Dimensions	210 × 113 × 53mm
Weight	1400g