

SPECIFICATIONS FOR 3520	5V	12V	16V	24V	48V
Available versions		X			
Input voltage:	198 - 264V AC 260 - 340V DC				
Line frequency:	47 - 50Hz				
Output voltage, nominal:	5V	12.5V	16V	24V	48V
Output voltage, adjustable:	5 – 6.5V	12 -13.2V	15.5 - 18V	22 - 26V	46 - 50V
Max output power:	140W	213W continuous - 265W intermittent	260W	265W	250W
Min. output current:	0A				
Max. output current:	20A	17A continuous - 20A intermittent	16A	10A	5.2A
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%
Ripple & Noise: (at 20MHz bandwidth)	< 20mV p-p				
Efficiency (at 100% load, 230V) approx.:	88%	92%	93%		92%
Switch frequency approx.:	65kHz				
Overshoot (90 - 10% load variation):	< 300mV				
Undershoot (10 - 90% load variation): Measured on pcb	< 300mV				< 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				