

SPECIFICATIONS FOR 2420	5V	7V	12V	16V	24V
Available versions	x			x	
Input voltage:	90 - 264VAC				
Line frequency:	47 - 63Hz				
Output voltage:	4 - 6V	6 - 9V	9 – 14.5V	14.5 - 21V	21 - 34V
Max output power:	27W	41W	55W	69W	70W
Min. output current:	0A				
Max. output current:	4.5A			4.0A - 3.3A	2.5A – 2.05A
Load regulation (0 - 100% load. Measured on pcb):	< 1%				
Mains regulation: (Mains variation: 90 - 264V, 100% load)	< 0,5%				
Ripple:	< 100mV p-p				
Efficiency (at 100% load, 230V) approx.:	>69%	>70%	>81%	>83%	>85%
Switch frequency approx.:	40kHz				
Overshoot (90 - 10% load variation):	< 200mV				< 100mV
Undershoot (10 - 90% load variation): Measured on pcb	< 250mV				
Hold up time:	> 20ms				
Temperature range, operating:	÷25 til +40oC				
Temperature range, with derating:	+60oC				
Temperature range, storage:	÷25 til +85oC				
Derating:	1.2 W/oC over 40oC				
Safety:	IT Equipment EN 60950-1 / Medical EN 60601-1 / Home Healthcare EN 60601-1-11				
Insulation class :	Class II. (Class I on request)				
Insulation voltage: Primary – secondary:	4000VAC / 5700VDC				
EMC standards:	Medical EN 60601-1-2 / Emission EN 61000-6-3 / Immunity EN 61000-6-1				
MTBF at Ta = 30oC and full load: Calculated according to MIL – HDBK – 217F	>100 000 hours				
IP-degree	IP4X (IP67 on request).				
Indication:	Green LED indicator				
Input terminal	2-pins IEC 60320/C8 connector. (3-pins IEC 60320/C14 connector or non-detachable mains cord on request)				
Output terminals:	Cord with/without plug. Exchangeable plugs available.				
Dimensions:	135 x 80 x 44mm				
Weight:	390g (890g IP67 version)				

SPECIFICATIONS FOR 2420	36V	48V	60V	64V
Available versions	x			
Input voltage:	90 - 264VAC			
Line frequency:	47 - 63Hz			
Output voltage:	34 - 44V	44 - 55V	55 - 63V	63 - 67V
Max output power:	70W	72W	69W	67W
Min. output current:	0A			
Max. output current:	2.05A – 1.6A	1.6A – 1.25A	1.25A – 1.1A	1.1A – 1.0A
Load regulation (0 - 100% load. Measured on pcb):	< 1%			
Mains regulation: (Mains variation: 90 - 264V, 100% load)	< 0,5%			
Ripple:	< 100mV p-p			
Efficiency (at 100% load, 230V) approx.:	>85%	>87%		
Switch frequency approx.:	40kHz			
Overshoot (90 - 10% load variation):	< 100mV	< 200mV		
Undershoot (10 - 90% load variation): Measured on pcb	< 125mV	< 250mV		
Hold up time:	> 20ms			
Temperature range, operating:	÷25 til +40oC			
Temperature range, with derating:	+60oC			
Temperature range, storage:	÷25 til +85oC			
Derating:	1.2 W/oC over 40oC			
Safety:	IT Equipment EN 60950-1 / Medical EN 60601-1 / Home Healthcare EN 60601-1-11			
Insulation class :	Class II. (Class I on request)			
Insulation voltage: Primary – secondary:	4000VAC / 5700VDC			
EMC standards:	Medical EN 60601-1-2 / Emission EN 61000-6-3 / Immunity EN 61000-6-1			
MTBF at Ta = 30oC and full load: Calculated according to MIL – HDBK – 217F	>100 000 hours			
IP-degree	IP4X (IP67 on request).			
Indication:	Green LED indicator			
Input terminal	2-pins IEC 60320/C8 connector. (3-pins IEC 60320/C14 connector or non-detachable mains cord on request)			
Output terminals:	Cord with/without plug. Exchangeable plugs available.			
Dimensions:	135 x 80 x 44mm			
Weight:	390g (890g IP67 version)			