

	5V	7V	12V	16V
Available versions	x		x	x
Input voltage	90 - 264VAC			
Line frequency	47 - 63Hz			
Output voltage	4 - 6V	6 - 9V	9 – 14.5V	14.5 - 21V
Max output power	27W	41W	55W	69W
Min. output current	0A			
Max. output current	4.5A	4.5A	4.5A	4.0A - 3.3A
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%
Switch frequency approx.	40kHz			
Overshoot (90 - 10% load variation)	< 200mV			
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)			

	24V	36V	48V	60V
Available versions	x	x	x	
Input voltage	90 - 264VAC			
Line frequency	47 - 63Hz			
Output voltage	21 - 34V	34 - 44V	44 - 55V	55 - 63V
Max output power	70W	70W	72W	69W
Min. output current	0A			
Max. output current	2.5A – 2.05A	2.05A – 1.6A	1.6A – 1.25A	1.25A – 1.1A
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%	>85%	>87%	>87%
Switch frequency approx.	40kHz			
Overshoot (90 - 10% load variation)	< 100mV	< 100mV	< 200mV	< 200mV
Undershoot (10 - 90% load variation):- Measured on pcb	< 250mV	< 125mV	< 250mV	< 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)			

	64V
Available versions	
Input voltage	90 - 264VAC
Line frequency	47 - 63Hz
Output voltage	63 - 67V
Max output power	67W
Min. output current	0A
Max. output current	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.	>87%
Switch frequency approx.	40kHz
Overshoot (90 - 10% load variation)	< 200mV
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, storeage	÷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)