

SPECIFICATIONS FOR 3825	5V	9V	12V
Available versions	x	x	x
Input voltage:	90 - 264VA 0.3A Max	90 - 264VA 0.3A Max	90 - 264VA 0.4A Max
Line frequency:	47 - 63Hz	47 - 63Hz	47 - 63Hz
Output voltage:	5V ± 5%	9V ± 5%	12V ± 5%
Max output power:	5W	7.2W	7.2W
Min./Max. output current (CC limitation, foldback when Vout < 60%):	0A/1.0A (1A-1.3A when Vout > 3V)	0A/0.8A (0.8A-1.0A when Vout > 6V)	0A/0.6A (0.6A-0.8A when Vout > 8V)
Load regulation (0 - 100% load. Measured on PSB):	< 1%	< 1.5%	< 1%
Mains regulation: (Mains variation: 90 - 264V, 100% load)	< 0,5%	< 0,5%	< 0,5%
Switching frequency Ripple (measured on PCB):	< 120mV p-p	< 120mV p-p	< 120mV p-p
Average Efficiency (at 100% load, 230V) approx.:	>80.5%	>80.5%	>80.5%
Efficiency level VI & EU CoC Tier 2:	Yes	Yes	Yes
Switch frequency approx.:	20-30kHz	20-30kHz	20-30kHz
Overshoot (90 - 10% load variation):	< 200mV	< 250mV	< 300mV
Undershoot (10 - 90% load variation):Measured on pcb	< 250mV	< 250mV	< 300mV
Hold up time (Vout down to 90%) at 230VAC:	> 50ms	> 80ms	> 80ms
Temperature range:	- 25 til +40oC	- 25 til +40oC	- 25 til +40oC
null	- 25 til +85oC	- 25 til +85oC	- 25 til +85oC
Derating:	1W/oC over 40oC	1W/oC over 40oC	1W/oC over 40oC
Safety:	EN 60601-1 3.1	EN 60601-1 3.1	EN 60601-1 3.1
Insulation class:	Class II	Class II	Class II
Insulation voltage: Primary – secondary:	4000VAC / 5700VDC	4000VAC / 5700VDC	4000VAC / 5700VDC
EMC standards:	61000 -6-1 & -6-3; 60601-1-2 Ed.4; FCC 15B	61000 -6-1 & -6-3; 60601-1-2 Ed.4; FCC 15B	61000 -6-1 & -6-3; 60601-1-2 Ed.4; FCC 15B
Standby power:	<0.075W	<0.075W	<0.075W
IP-degree	IP4X	IP4X	IP4X
Input terminal	2-pins IEC320 C8 connector	2-pins IEC320 C8 connector	2-pins IEC320 C8 connector
Output terminals:	Modular 4P4C (RJ22), USB or cable with/without plug.	Modular 4P4C (RJ22), USB or cable with/without plug.	Modular 4P4C (RJ22), USB or cable with/without plug.
Dimensions:	86 x 50 x 29mm	86 x 50 x 29mm	86 x 50 x 29mm
Weight without DC-cable and mains adapter:	75g.	75g.	75g.