

SPECIFICATIONS FOR 3823	5V	6V	7.5V	9V
Available versions	x			
Input voltage:	90 - 264VA 0.3A Max			
Line frequency:	47 - 63Hz			
Output voltage:	5V ± 5.0%	6V ± 5.0%	7.5V ± 5.0%	9V ± 5.0%
Max output power:	12W			
Min. output current:	0A			
Max. output current:	2.4A	2A	1.6A	1.33A
Load regulation (0 - 100% load. Measured on PSB):	< 6%	< 5%	< 4%	
Mains regulation: (Mains variation: 90 - 264V, 100% load)	< 2%			
Ripple & Noise: (at 20MHz bandwidth)	< 400mV p-p	< 300mV p-p		
Average Efficiency (at 100% load, 230V) approx.:	>80.3%	>83.3%		
Switch frequency approx.:	30kHz-65kHz			
Overshoot (90 - 10% load variation):	< 200mV			
Undershoot (10 - 90% load variation):Measured on pcb	< 250mV			
Hold up time (Vout down to 90%) at 230VAC:	> 55ms			>55ms
Temperature range:	-20 to +40oC +60oC			
Derating:	1W/oC over 40oC			
Safety:	EN/IEC/ANSI 60601-1 3ed			
Insulation class:	Class II			
Insulation voltage: Primary – secondary:	4000VAC / 5700VDC			
EMC standards:	EMC med. EN 60601-1-2 / Emission EN 61000-6-3 / Immunity EN 61000-6-1			
Standby power:	<0.075W			
IP-degree	IP4X			
Input terminal	2-pins IEC320 C8 connector			
Output terminals:	Cord with/without plug. Exchangeable plugs available.			
Dimensions:	85 x 50 x 29.3mm			
Weight:	130g.			

SPECIFICATIONS FOR 3823	12V	15V	18V	24V
Available versions	x			
Input voltage:	90 - 264VA 0.4A Max			
Line frequency:	47 - 63Hz			
Output voltage:	12V ± 5.0%	15V ± 5.0%	18V ± 5.0%	24V ± 5.0%
Max output power:	16W			
Min. output current:	0A			
Max. output current:	1.33A	1.06A	0.88A	0.66A
Load regulation (0 - 100% load. Measured on PSB):	< 4%			
Mains regulation: (Mains variation: 90 - 264V, 100% load)	< 2%			
Ripple & Noise: (at 20MHz bandwidth)	< 300mV p-p	< 200mV p-p		< 500mV p-p
Average Efficiency (at 100% load, 230V) approx.:	>84.8%			
Switch frequency approx.:	30kHz-65kHz			
Overshoot (90 - 10% load variation):	< 250mV	< 300mV		< 350mV
Undershoot (10 - 90% load variation):Measured on pcb	< 350mV			< 500mV
Hold up time (Vout down to 90%) at 230VAC:	> 55ms	>55ms		> 55ms
Temperature range:	-20 to +40oC +60oC			
Derating:	1W/oC over 40oC			
Safety:	EN/IEC/ANSI 60601-1 3ed			
Insulation class:	Class II			
Insulation voltage: Primary – secondary:	4000VAC / 5700VDC			
EMC standards:	EMC med. EN 60601-1-2 / Emission EN 61000-6-3 / Immunity EN 61000-6-1			
Standby power:	<0.075W			
IP-degree	IP4X			
Input terminal	2-pins IEC320 C8 connector			
Output terminals:	Cord with/without plug. Exchangeable plugs available.			
Dimensions:	85 x 50 x 29.3mm			
Weight:	130g.			