
Product Specifications 3920

SPECIFICATIONS FOR TYPE 3920 :		12V	24V	36V	48V
Input voltage:		90 - 264VAC	90 - 264VAC	90 - 264VAC	90 - 264VAC
Line frequency:		47 - 63Hz	47 - 63Hz	47 - 63Hz	47 - 63Hz
Output voltage:		12V \pm 2.5%	24V \pm 2.5%	36V \pm 2.5%	48V \pm 2.5%
Max output power:		150W	180W	180W	180W
Min. output current:		0A	0A	0A	0A
Max. output current:		12.5A	7.5A	5A	3.75A
Load regulation (0 - 100% load. Measured on pcb):		< 1%	< 1%	< 1%	< 1%
Mains regulation: (Mains variation: 90 - 264V, 100% load)		< 0,5%	< 0,5%	< 0,5%	< 0,5%
Ripple & Noise: (at 20MHz bandwidth)		< 150mV p-p	< 150mV p-p	< 200mV p-p	< 200mV p-p
Efficiency (at 100% load, 230V) approx.:		90%	91%	91%	91%
Standby power:	<0.15W	<0.15W	<0.15W	<0.15W	<0.15W
	<0.15W	<0.15W	<0.15W	<0.15W	<0.15W
Average efficiency at 100%,75%, 50% and 25% load	>89%	>89%	>89%	>89%	>89%
	>89%	>89%	>89%	>89%	>89%
Efficiency level VI:		Yes	Yes	Yes	Yes
Switch frequency approx.:		100kHz	100kHz	100kHz	100kHz
Overshoot (90 - 10% load variation):		< 350mV	< 350mV	< 350mV	< 350mV
Undershoot (10 - 90% load variation):	Measured on pcb	< 350mV	< 350mV	< 350mV	< 350mV
Hold up time:		>15ms	>15ms	>15ms	>15ms
Temperature range: *Operating: *With derating: *Storage:		-20 to +40°C +60°C -25 to +85°C			
Derating:		4W/°C over 40°C			
Safety:		EN/ IEC 60601-1 ed. 3.1			
Insulation class :		Class II or Class I			
Insulation voltage: Primary – secondary:		4000VAC / 5700VDC			
EMC standards:		EMC med. EN 60601-1-2 / Emission EN 61000-6-3.1 / Immunity EN 61000-6-1			
IP-degree		IP4X and IP44			
Input terminal		2-pins IEC320 C8 connector / 3-pins IEC320 C14 connector / 3-pins fixed wire			
Output terminals:		Cord with/without plug. Exchangeable plugs available.			
Dimensions:		203.5 x 87 x 43.5 mm			
Weight:		915g.			