

SPECIFICATIONS FOR 3920	12V	24V	30V	36V	48V
Available versions	x	x	x	x	x
Input voltage:	90 - 264VAC	90 - 264VAC	90 - 264VAC	90 - 264VAC	90 - 264VAC
Line frequency:	47 - 63Hz	47 - 63Hz	47 - 63Hz	47 - 63Hz	47 - 63Hz
Output voltage:	12V ± 2.5%	24V ± 2.5%	30V ± 2.5%	36V ± 2.5%	48V ± 2.5%
Max output power:	150W	180W	180W	180W	180W
Min. output current:	0A	0A	0A	0A	0A
Max. output current:	12.5A	7.5A	6A	5A	3.75A
Load regulation (0 - 100% load. Measured on PSB):	< 1%	< 1%	< 1%	< 1%	< 1%
Mains regulation: (Mains variation: 90 - 264V, 100% load)	< 0,5%	< 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	< 200mV p-p
Efficiency (at 100% load, 230V) approx.:	0.9	0.91	0.91	0.91	0.91
Standby power:	<0.15W	<0.15W	<0.15W	<0.15W	<0.15W
Average efficiency at 100%,75%, 50% and 25% load	>89%	>89%	>89%	>89%	>89%
Efficiency level VI:	Yes	Yes	Yes	Yes	Yes
Switch frequency approx.:	100kHz	100kHz	100kHz	100kHz	100kHz
Overshoot (90 - 10% load variation):	< 350mV	< 350mV	< 350mV	< 350mV	< 350mV
Undershoot (10 - 90% load variation): Measured on pcb	< 350mV	< 350mV	< 350mV	< 350mV	< 350mV
Hold up time:	>15ms	>15ms	>15ms	>15ms	>15ms
Temperature range, operating:	-20 to +40oC	-20 to +40oC	-20 to +40oC	-20 to +40oC	-20 to +40oC
Temperature range, with derating:	+60oC	+60oC	+60oC	+60oC	+60oC
Temperature range, storage:	-25 to +85oC	-25 to +85oC	-25 to +85oC	-25 to +85oC	-25 to +85oC
Derating:	4W/oC over 40oC	4W/oC over 40oC	4W/oC over 40oC	4W/oC over 40oC	4W/oC over 40oC
Safety:	EN/ IEC 60601-1 ed. 3.1, EN / IEC 62368-1	EN/ IEC 60601-1 ed. 3.1, EN / IEC 62368-1	EN/ IEC 60601-1 ed. 3.1, EN / IEC 62368-1	EN/ IEC 60601-1 ed. 3.1, EN / IEC 62368-1	EN/ IEC 60601-1 ed. 3.1, EN / IEC 62368-1
Insulation class:	Class II or Class I	Class II or Class I	Class II or Class I	Class II or Class I	Class II or Class I
Insulation voltage: Primary – secondary:	4000VAC / 5700VDC	4000VAC / 5700VDC	4000VAC / 5700VDC	4000VAC / 5700VDC	4000VAC / 5700VDC
EMC standards:	EMC med. EN 60601-1-2 / Emission EN 61000-6-3 / Immunity EN 61000-6-1	EMC med. EN 60601-1-2 / Emission EN 61000-6-3 / Immunity EN 61000-6-1	EMC med. EN 60601-1-2 / Emission EN 61000-6-3 / Immunity EN 61000-6-1	EMC med. EN 60601-1-2 / Emission EN 61000-6-3 / Immunity EN 61000-6-1	EMC med. EN 60601-1-2 / Emission EN 61000-6-3 / Immunity EN 61000-6-1
IP-degree	IP4X and IP44	IP4X and IP44	IP4X and IP44	IP4X and IP44	IP4X and IP44
Input terminal	2-pins IEC320 C8 connector / 3-pins IEC320 C14 connector / 3-pins fixed cord	2-pins IEC320 C8 connector / 3-pins IEC320 C14 connector / 3-pins fixed cord	2-pins IEC320 C8 connector / 3-pins IEC320 C14 connector / 3-pins fixed cord	2-pins IEC320 C8 connector / 3-pins IEC320 C14 connector / 3-pins fixed cord	2-pins IEC320 C8 connector / 3-pins IEC320 C14 connector / 3-pins fixed cord
Output terminals:	Cord with/without plug. Exchangeable plugs available.	Cord with/without plug. Exchangeable plugs available.	Cord with/without plug. Exchangeable plugs available.	Cord with/without plug. Exchangeable plugs available.	Cord with/without plug. Exchangeable plugs available.
Dimensions:	203.5 x 87 x 43.5 mm	203.5 x 87 x 43.5 mm	203.5 x 87 x 43.5 mm	203.5 x 87 x 43.5 mm	203.5 x 87 x 43.5 mm
Weight:	915g.	915g.	915g.	915g.	915g.