

SPECIFICATIONS FOR 9623	12V	16V	24V
Available versions	x	x	x
Input voltage:	198 - 264V AC 260 - 340V DC	198 - 264V AC 260 - 340V DC	198 - 264V AC 260 - 340V DC
Line frequency:	47 - 63Hz	47 - 63Hz	47 - 63Hz
Output voltage, nominal:	13,2V	16V	24V
Output voltage, adjustable:	12 -14,5V	15 - 18V	22 - 28V
Max output power	95W	96W	95W
Max. output current:	7A	6A	3,5A
Min. output current:	0A	0A	0A
Load regulation (0 - 100% load):	< 3%	< 2,5%	< 2%
Mains regulation : (Mains variation: 198 - 264V, 100% load)	< 0,6%	< 0,6%	< 0,5%
Ripple:	< 50mV p-p	< 50mV p-p	< 50mV p-p
Efficiency (at 100% load) approx.:	0.83	0.84	0.85
Switch frequency approx.:	40kHz	40kHz	40kHz
Overshoot (90 - 10% load variation):	< 200mV	< 200mV	< 200mV
Undershoot (10 - 90% load variation):	< 200mV	< 200mV	< 200mV
Current limitation at approx.:	7,5A	6,5A	4,0A
Input surge current limitation:	< 30A	< 30A	< 30A
Hold up time:	> 20ms	> 20ms	> 20ms
Temperature range:	Operating: ̱20 - +40 oC / With derating: +60 oC / Storage: ̱25 - +85 oC	Operating: ̱20 - +40 oC / With derating: +60 oC / Storage: ̱25 - +85 oC	Operating: ̱20 - +40 oC / With derating: +60 oC / Storage: ̱25 - +85 oC
Derating:	3W/ oC over 40 oC	3W/ oC over 40 oC	3W/ oC over 40 oC
Safety:	EN 60950	EN 60950	EN 60950
Insulation class:	Class II	Class II	Class II
Insulation voltage: Primary - secondary:	3000VAC / 4300VDC	3000VAC / 4300VDC	3000VAC / 4300VDC
Primary - chassis:	3000VAC / 4300VDC	3000VAC / 4300VDC	3000VAC / 4300VDC
EMC standards:	Emission EN 50081-1 Immunity EN 50082-1	Emission EN 50081-1 Immunity EN 50082-1	Emission EN 50081-1 Immunity EN 50082-1
MTBF at TA = 25oC and 95W load: Calculated according to MIL-HDBK-217F	196 000 Hrs.	196 000 Hrs.	196 000 Hrs.
Indication:	Green LED indicator on front	Green LED indicator on front	Green LED indicator on front
Terminals:	Hella -terminal or cable.	Hella -terminal or cable.	Hella -terminal or cable.
Dimensions:	168x 100 x 52mm	168x 100 x 52mm	168x 100 x 52mm
Weight:	650g	650g	650g