



OSW00901

- 1phase Fixed Output baseplate cooled (not required for full operation)
- low ripple & noise for sensitive loads like professional audio, sensors, measuring & control equipment

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OSW00901

Model	OSW00901					
Power	90W					
Nominal AC Input	100... 240Vac					
Input Range AC	90... 265Vac					
Input Range DC	110... 375Vdc					
Input Frequency	47... 63Hz					
Hold-Up Time	40ms					
Inrush Current Protection	NTC <32A					
Autostart	Soft start 50ms					
Output Voltage	24V	36V	48V	60V	72V	140V
Adjust Range Vout	22,5... 28,5V	43,2... 39,6V	45,6... 52,8V	57... 66V	68... 86V	133... 155V
Ripple & Noise mVpp	50mV	60mV	60mV	100mV	120mV	120mV
Nominal Output Current	3,8A	2,5A	1,9A	1,5A	1,3A	640mA
Power Boost <=60°C/60s	4,6A	3A	2,7A	1,8A	1,6A	770mA
Stability at Load Switch	±0,1%	±0,1%	±0,1%	±0,1%	±0,3%	±0,5%
Transient Time	< 1ms					
Efficiency	90%					
Basic load	Idling-proof					
Short Circuit Protection	Continuous					
Ambient Operation Temperature	-20°C... +70°C					
Cooling	Natural convection					
Temperature Monitoring	Upon request					
Dimensions (WxHxD)	100x91x45mm					
IP-Range	Open frame					
Safety Norms	CSA UL CE according to IEC60950-1					
Safety IEC	EN60950-1 EN50178 EN60204-1					
Safety Class 1(A)	VDE0100 VDE0805					
Input to Output Isolation	3000Vac					
Climatic Class, Humidity	3k3, 95% non condensing					
EMI	EN55022B EN61000-3-2A					
EMS	EN61000-6-2,3					
MTBF IEC61709	500000h					
Power Good Relay	Upon request (PG)					
Features	Baseplate cooled power					
Ordering options	Power good relay, temperature control					
Options	See datasheet					