



## OSW00301

- Open Frame 1phase Fixed Output high precision switch mode power supply
- low ripple & noise for sensitive loads like sensors, professional audio, measuring & control equipment

## OSW00301

Model	OSW00301							
Power	30W							
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 <17A							
Autostart	Soft start 30ms							
Output Voltage	5V	9V	12V	15V	24V	48V	60V	
Adjust Range Uout	4,9... 5,5V	8,6... 9,9V	11,4... 23,2V	14,2... 16,5V	23,5... 28,5V	45,6... 52,8V	57... 66V	
Ripple & Noise mVss	15mV	15mV	10mV	10mV	50mV	100mV	100mV	
Nominal Output Current	5A	3,3A	2,5A	2A	1,3A	600mA	500mA	
Power Boost <=60°C/60s	6A	4A	3A	2,4A	1,56A	720mA	600mA	
Stability at Load Switch	±0,5%							
Transient Time	< 1ms							
Efficiency	86%							
Basic load	Idling-proof							
Short Circuit Protection	Continuous							
Ambient Operation Temperature	-20°C... +70°C							
Cooling	Natural convection							
Dimensions (WxHxD)	96,5x62x29mm							
IP-Range	Open frame							
Safety IEC	EN60950-1 EN50178 EN60204-1							
Safety Class 1(A)	VDE0100 VDE0805							
Input to Output Isolation	3000Vac							
Climatic Class, Humidity	3k3, 90% non condensing							
EMI	EN55022B EN61000-3-2A							
EMS	EN61000-6-2,3							
MTBF IEC61709	500000h							
Sense operation	5V ±200mV standard							
Options	See datasheet							