



PSM02202

- Rack Mount 1phase Fixed Output
- Active inrush current protection
- 8KV surge

PSM02202

Model	PSM02202		
Power	220W		
Nominal Input Voltage	230Vac		
Input Range AC	184... 264Vac		
Input Range DC	250... 300Vdc		
Input Frequency	47... 63Hz		
Hold-Up Time	50ms		
Inrush Current Protection	< 24Apeak / 17Arms active protection $\pm 6\%$		
Autostart	Soft start 20ms		
Output Voltage U1	+ 12V	+ 15V	
Output Voltage U2	- 12V	- 15V	
Output Voltage U3	+ 24V	+ 30V	U1 and U2 connectable
Ripple & Noise mVss U1	15mV	15mV	
Ripple & Noise mVss U2	15mV	15mV	
Ripple & Noise mVss U3	30mV U1 and U2 connectable		
Output Current I1	12A	10A	
Output Current I2	12A	10A	
Output Current I3	9,2A	7,3A	U1 and U2 connectable
Power Boost $\leq 60^{\circ}\text{C}/60\text{s}$	264W		
Stability at Load Switch	$\pm 1\%$		
Transient Time	< 1ms		
Efficiency	91%		
Basic Load	Idling-proof		
Short Circuit Protected	Continuous		
Ambient Operating Temperature	$-20^{\circ}\text{C} \dots +70^{\circ}\text{C}$		
Cooling	Natural Convection		
Temperature Monitoring	Yes		
Dimensions (WxHxD)	3U 8HP 160mm		
IP-Range	IP20		
Safety IEC	EN60950-1 EN50178 EN60204-1		
Safety class 1(A)	VDE0100 VDE0805		
Input to Output Insulation	3000Vac		
Climatic Class, Humidity	3k3, 90% non condensing		
EMI	EN55022B EN61000-3-2A		
EMS	EN61000-6-2,3		
MTBF IEC61709	450000h		
Remote Shutdown	Yes		
Features	8KV/2.5kHz input transient protection		
Ordering options	Protective coating		
Options	See datasheet		