



## APW00803S

- 1phase Fixed Output baseplate cooled (not required for full operation)
- Active inrush current protection
- 8KV surge

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## APW00803S

Model	APW00803S	
Power	80W	
Nominal Input	100... 240Vac	
AC Input Range	90... 265Vac	
DC Input Range	110... 300Vdc	
Input Frequency	47... 63Hz	
Hold-Up Time	100ms	
Inrush Current Protection	< 24A <sub>peak</sub> / 17A <sub>rms</sub> active protection ±6%	
Auto-start	Soft start 100ms	
Output voltage U1	+ 5V	+ 5V
Output voltage U2	+ 12V	+ 15V
Output voltage U3	- 12V	- 15V
Adjust range U1	4,85... 5,15V	4,85... 5,15V
Ripple mV <sub>ss</sub> U1	20mV	20mV
Ripple mV <sub>ss</sub> U2	10mV	10mV
Ripple mV <sub>ss</sub> U3	10mV	10mV
Output current I1	8A	8A
Output current I2	2A	1,8A
Output current I3	2A	1,8A
Power boost <60°C	96W	
Stability at Load switch	±1%	
Transient time	< 1ms	
Efficiency	83%	
Base load	idling-proof	
Short Circuit Protection	Continuous	
Ambient Operation Temperature	-20°C... +70°C	
Cooling	Natural convection & baseplate cooled power	
Temperature Monitoring	yes	
Dimensions (WxHxD)	126x51x177mm	
Model	IP20	
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, 90% non condensing	
EMI	EN55022B EN61000-3-2A	
EMS	EN61000-6-2,3	
MTBF IEC61709	250000h	
Power Fail	Yes (+5V high)	
Features	8KV/2.5kHz input transient protection	
Ordering options	Protective coating	
Options	see datasheet	