



HPW00601

- DIN-Rail Power Supply 1phase fix output TS35mm DIN EN 50022
- Active Inrush Current Protection 0,7Apeak/0,5Arms
- Active PFC
- Temperature Control
- Clean C/V chart without foldback, ideal for dc drives and dc-UPS

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HPW00601

Model	HPW00601	
Power	60W	
Nominal AC Input	100... 240Vac	
Input Range AC	90... 265Vac	
Input Range DC	120... 375Vdc	
Input Frequency	47... 63Hz	
Hold-Up Time	50ms	
Inrush Current Protection	495mAeff / 700mApeak active protection $\pm 5\%$	
Autostart	Soft start	
Output Voltage	24V	48V
Adjust Range Uout	22,5... 28,5V	40,5... 50,7V
Ripple & Noise mVss	20mV	40mV
Nominal Output Current	2,5A	1,25A
Power Boost $\leq 60^\circ\text{C}/60\text{s}$	10%	
Stability at Load Switch	$\pm 0,5\%$	
Transient Time		
Efficiency	86%	
Basic load	Idling-proof	
Short Circuit Protection	Continuous	
Ambient Operation Temperature	$-15^\circ\text{C} \dots +70^\circ\text{C}$	
Cooling	Natural convection	
Temperature Monitoring	Yes	
Dimensions (WxHxD)	50x124x96mm	
IP-Range	IP20	
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 EN61000-3-2D	
EMS	EN61000-6-2,3	
MTBF IEC61709	600000h	
Power Good Relay	galvanic insulated 60Vdc	
Sense operation	No	
Remote Shutdown	No	
Features	Active PFC	
Ordering options	Protective coating	
Options	See datasheet	