



HPV10001

- DIN-Rail Power Supply 1phase fix output TS35mm DIN EN 50022
- Temperature Control
- Clean C/V chart without foldback, ideal for dc drives

HPV10001

Model	HPV10001			
Power	1008W			
Nominal AC Input	115/230Vac			
Input Range AC	90..115Vac/186..265Vac			
Input Range DC	250... 375Vdc			
Input Frequency	47... 63Hz			
Hold-Up Time	30ms			
Inrush Current Protection	NTC < 84A			
Autostart	Soft start 100ms			
Output Voltage	72V	110V	150V	240V
Adjust Range Vout	58... 86V	86... 132V	132... 180V	180... 240V
Ripple & Noise mVpp	200mV	250mV	250mV	300mV
Nominal Output Current	13,9A	9,1A	6,7A	4,6A
Power Boost <=60°C/60s	15,3A	10A	7,4A	5A
Stability at Load Switch	±0,5%			
Transient Time	< 1ms			
Efficiency	0,93			
Basic load	Idling-proof			
Short Circuit Protection	Continuous			
Ambient Operation Temperature	-20°C... +70°C			
Cooling	Natural convection + controlled fan from Papst			
Temperature Monitoring	Yes			
Dimensions (WxHxD)	200x156x114,5mm			
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, 95% non condensing			
EMI	EN55022B			
EMS	EN61000-6-2,3			
MTBF IEC61709	500000h			
Power Good Relay	Optional feature, 500Vdc protected			
Options	See datasheet			