



## HSEuireg10001 Lab Power Supply DIN-Rail, 5W/CUI

- 1000W C/V programmable, 5W/Cubic-Inch High Density Laboratory Power Supply scalable for test bench
- Multifunctional analogue Interface 0-5V/0-10V/0-20mA/4-20mA
- Real Time Monitoring

## HSEuireg10001

Model	HSEuireg10001								
Power	1008W								
Nominal Input	115/230Vac select								
Input Range AC	90..115Vac/184..265Vac								
Input Range DC	250... 375Vdc								
Input Frequency	47... 63Hz								
Hold-Up Time	30ms								
Inrush Current Protection	9,8Aeff / 13,8Apeak active limiter $\pm 6\%$								
Autostart	Soft start								
Programmable Output Voltage	0-18V	0-30V	0-50V	0-90V	0-120V	0-130V	0-180V	0-240V	0-400V
Programmable Output Current	0-50A	0-42A	0-25A	0-14A	0-10,4A	0-9,5A	0-7A	0-5,3A	0-3,2A
Ripple & Noise mVss	40mV	40mV	120mV	150mV	200mV	200mV	300mV	400mV	400mV
Powerboost	-								
Stability at Load Switch	$\pm 0,2\%$								
Transient Time	< 1ms								
Efficiency	90%								
Basic Load	Idling-proof								
Short Circuit Protection	Continuous								
Ambient Operating 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	400000h								
Programming Interface Voltage	0... 5Vdc, 0... 10Vdc, 0-20mA, 4-20mA								
Programming Interface Current	0... 5Vdc, 0... 10Vdc, 0-20mA, 4-20mA								
Monitoring Interface Voltage	0... 5Vdc, 0... 10Vdc								
Monitoring Interface Current	0... 5Vdc, 0... 10Vdc								
Power Good Relay	Yes								
Sense Operation	yes								
Remote Shutdown	yes								
Reference Voltage	yes								
Options	see data sheet								