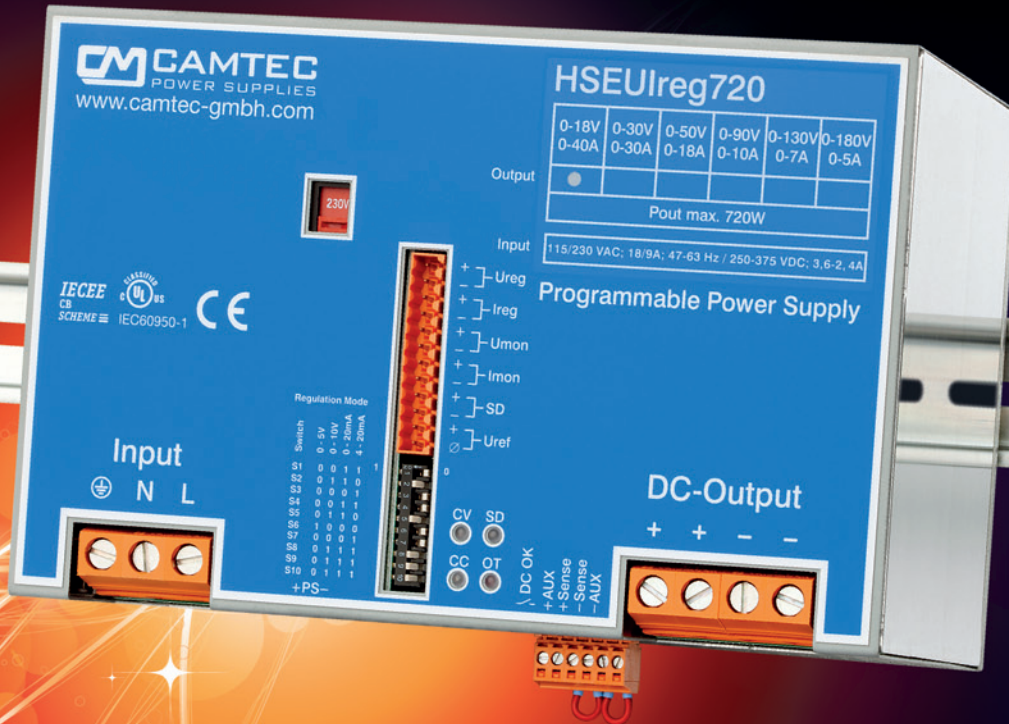


High Precision DIN-Rail mounted Lab Power Supplies

Compact and Cost Effective compared to 19-Inch Equivalent Products



The programmable CAMTEC switch mode power supply models **HSEUireg** and **HSEUreg** combine all the significant functions of a professional lab power supply unit. The **HSEUireg**-models feature flexible configurable analogue interfaces for voltage & current, real-time monitoring, sense operation, remote shutdown and a reference voltage into a compact package. Further options are available, for example internal power sink and an USB-interface including Windows™ control software. Also available the **HSEUireg**-series is a cost reduced version with a programmable voltage, but with fixed current and analogue interface, sense operation and remote shutdown.

Typical Applications are:

- **Test Bench & Test Automation**
Simulation of Low/High-Range-Voltage of:
DC-Motor Drive
Hybrid Drive
Battery
Switchgear Components
Photovoltaic ...
- **UPS-Systems**
Controlled Battery Charging of any battery types,
Parallel Configurable without necessary external circuits
- **Pro-LED-Lighting**
Analogue or Digital Control of professional
Architect Lighting and Manufacturing Plant

High-Efficiency Beamer for Railway Junction,
Apron Lighting and Floodlight

Major Advantages:

- **Cost Reduction**
Focuses on the main functions for the test automation
and in a test bench

Cost saving with system integration on DIN-Rail
instead of expensive installation into 19-inch racks
- **Smaller Space**
Compact and robust design
- **Industrial Working Conditions**
-20°C...+70°C, up to 720W with natural convection cooling

Technical Data CAMTEC HSEUreg- and HSEUireg-Series

Model	HSEUreg04801	HSEUreg07201	HSEUreg10001
Continuous Power	480W	720W	1008W
Hold Up Time	50ms	40ms	30ms
Cooling	natural convection	natural convection	controlled fan (EBM-Papst)
Dimensions (WxHxD)	200x130x114,5mm	200x130x114,5mm	200x156x114,5mm
Interface Voltage Programming	0...10Vdc, 0-20mA		
Options	Protective Lacquer, 4-20mA Interface		

Model	HSEUireg04801	HSEUireg07201	HSEUireg10001
Continuous Power	480W	720W	1008W
Hold-Up Time	50ms	40ms	30ms
Cooling	natural convection	natural convection	controlled fan (EBM-Papst)
Dimensions (WxHxD)	200x130x114,5mm	200x130x114,5mm	200x156x114,5mm
Interface Voltage Programming	0...5Vdc, 0...10Vdc, 0-20mA, 4-20mA		
Interface Current Programming	0...5Vdc, 0...10Vdc, 0-20mA, 4-20mA		
Interface Monitoring Voltage	0...5Vdc, 0...10Vdc		
Interface Monitoring Current	0...5Vdc, 0...10Vdc		
Power Good Relay	Yes		
Reference Voltage	Yes		
Options	Protective Lacquer, Power Sink for rapid down programming		
Accessories Kit	USB Interface with Windows™ Software 32/64bit XP, Vista, Win7, Win8		

Programmable Voltage		0...15V	0...30V	0...50V	0...90V	0...130V	0...180V	0...240V
Continuous Current	HSEUreg04801	26A	16A	10A	5,3A	3,7A	2,7A	2A
	HSEUreg07201	35A	24A	15A	8A	5,5A	4A	3A
	HSEUreg10001	50A	33A	20A	11,2A	7,8A	5,6A	4,2A
Ripple mVpp	HSEUreg04801	40mV	50mV	100mV	150mV	200mV	200mV	300mV
	HSEUreg07201	40mV	50mV	100mV	150mV	200mV	200mV	320mV
	HSEUreg10001	50mV	50mV	100mV	200mV	250mV	250mV	380mV

Programmable Voltage		0...18V	0...30V	0...50V	0...90V	0...130V	0...180V	0...240V
Programmable Current	HSEUireg04801	0...40A	0...24A	0...15A	0...8A	0...5,5A	0...4A	0...3A
	HSEUireg07201	0...40A	0...30A	0...18A	0...10A	0...7A	0...5A	0...3,8A
	HSEUireg10001	0...50A	0...42A	0...25A	0...14A	0...9,5A	0...7A	0...5,3A
Ripple mVpp	HSEUireg04801	40mV	50mV	100mV	150mV	200mV	200mV	300mV
	HSEUireg07201	40mV	50mV	100mV	150mV	200mV	200mV	320mV
	HSEUireg10001	50mV	50mV	100mV	200mV	250mV	250mV	380mV

Model	All Listed Models
Input AC 47...63Hz	115/230Vac
Power Up	Softstart, HSEUireg electronic inrush protection
Load Regulation typ.	±0,5%
Response to Load Change typ.	<1ms
Efficiency typ.	>90%
Base Load	non required (continuous)
Short Circuit Protection	continuous protected
Ambient Temperature	-20°C...+70°C
Classification	IP20
According Safety Norms	CSA UL CE according to IEC60950-1
Safety IEC	EN60950-1 EN50178
Safety Class 1(A)	VDE0100 VDE0805
Input / Output Insulation	3000Vac
Climatic Class / Humidity	3k3, 95% non condensing
EMI / EMC	EN55022B, EN61000-6-2,3
MTBF IEC61709	400000h
Sense Operation	Yes
Remote Shutdown	Yes

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Any errors excepted. Technical changes reserved.