



CPS-i2000 Laboratory Power Supply Embedded & Wallmount, 8W/CUI, PFC0.99

- 3D-HD (3D Heat Dissipation) performs 360° mount in the 3-dimensional room
- 0-max. C/V Programmable & Real Value monitoring
- N+1 Parallel Operation
- Master - Slave
- Current Share Bus
- Constant Current / Constant Voltage
- Fuse Mode & Continuous Mode
- Sensing
- Remote Shutdown
- Inhibit (Interlock)
- Temperature Alarm & Monitor, Fan Fail
- Aux +12V 500mA
- Option Quick Downprogramming Powersink
- 6KW in a 2U & up to 9KW in a 3U subframe

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CPS-i2000

Model	CPS-i2000				
Continuous Power	2000W				
Nominal Input Voltage	230Vac				
Input Voltage Range AC	184..265Vac				
Input Voltage Range DC	250... 375Vdc				
Input Frequency	47... 63Hz				
Hold-up Time	30ms				
Inrush Current AC	14,6A RMS / 20,7A peak active electronic protection $\pm 6\%$				
Startautomatic	Softstart 100ms				
Programmable Output Voltage	0-18V	0-30V	0-60V	0-90V	0-150V
Programmable Output Current	0-165A	0-100A	0-50A	0-33A	0-20A
Ripply & Boise mVpp	35mV	35mV	100mV	150mV	200mV
Stability Loadstwitch	$\pm 0,05\%$ 0-100%				
Respose	< 1ms 10-100%				
Effeciency	92-94%				
Power Faktor	PFC0,99				
Load Free Operation	Continuous				
Short Cicuit Protection	Continuous				
Ambient Operations	-20°C... +60°C				
Cooling	Stepless controlled fans from EBM-Papst flow front-to-rear, FanFail Monitor				
Temperature Control	Power reduction & Monitoring				
Dimensions (WxHxD)	126,4x84x444mm, 2U or 3U Embedded or hard mount in 90° steps				
IP Housing	IP20				
Safety IEC	EN60950-1 EN50178 EN60204-1				
Safety Class 1(A)	VDE0100 VDE0805				
Input- /Output Isolation	3000Vac				
Climatic Calss, Humidity	3k3, 90% non-condensing				
EMI	EN55022B				
EMS	EN61000-6-2,3				
MTBF IEC61709	500000h				
Interface Voltage Programming	0... 5Vdc, 0... 10Vdc, 0-20mA, 4-20mA				
Interface Current Programming	0... 5Vdc, 0... 10Vdc, 0-20mA, 4-20mA				
Interface Voltage Monitoring	0... 5Vdc, 0... 10Vdc				
Interface Current Monitoring	0... 5Vdc, 0... 10Vdc				
Inhibit (Interlock)	Message				
O-Ring Current Share	Optional				
Power Good Relais	Open/Center/Close				
Sense	2V per load line				
Remote Shutdown	Monitor				
Reference Voltage	+12V 500mA				
Options	Protective coating, Internal Powersink				
Accessory	2U & 3U Frontpanel, 2U & 3U Subframe, Hard-Mount-Kit, RS385, TCP/IP				