



CPS-EX2000 Embedded & Wallmount, programmable, PFC0.99

- C/V programming with interface
- C/V programming with internal pots
- OCP & OVP message
- Current Share Bus for N+1 parallel operation
- Master Slave Operation
- Sense Mode
- AUX +12V 500mA
- Current Monitoring
- Voltage Monitoring
- Remote Shutdown
- Inhibit (Interlock)
- DC & AC Power Good Relay open/center/close
- Fan Monitoring
- Temperature warning & alarm
- 9kW in a 2U & 15kW in a 3U subframe, >100kW scalable power system
- Hard mount in 90° steps

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CPS-EX2000

Model	CPS-EX2000				
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				
Vout	24V	36V	48V	72V	110V
Vout prog. range or poti	24-30V	30-45V	45-58V	58-90V	90-150V
Iout prog. range or poti	42-84A	28-56A	21-42A	14-28A	9,1-18,2A
Ripply & Boise mVpp	35mV	50mV	75mV	150mV	300mV
Stability Loadswitch	$\pm 0,05\%$ 0-100%				
Resüonse	< 1ms 10-100%				
Effeciency	92-94%				
Power Faktor	PFC 0,99				
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, Fan Fail Monitor				
Temperature Control	Power reduction, Monitor				
Dimensions	84x126,4x444mm, 2U or 3U Embedded or hard mount in 90° steps				
IP Housing	IP20				
Safety Norms	CSA UL CE according to IEC60950-1				
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 / or Internal Poti				
Interface Current Programming	0-5Vdc / 0-10Vdc / 0-20mA / 4-20mA / or Internal Poti				
Interface Voltage Monitoring	0-5Vdc / 0-10Vdc				
Interface Current Monitoring	0-5Vdc / 0-10Vdc				
Power Good Relay	Operrn/Center/Close				
Remote Shutdown	Monitoring				
Inhibit (Interlock)	Monitoring				
Options	Protective coating				
Accessory	2U & 3U Frontpanel, 2U & 3U Subframe, Hard-Mount-Kit				