



CPS-EP2000 Embedded & Wallmount PFC0,99

- V programming with internal poti
- OCP & OVP
- Current Share Bus for N+1 parallel operation
- Sense Mode
- Current Monitoring
- Remote Shutdown
- Inhibit (Interlock)
- DC & AC Power Good Relay open/center/close
- Fan Monitoring
- Temperature OT alarm
- 6kW in a 2U & 10kW in a 3U subframe
- Hard mount in 90° steps

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CPS-EP2000

Model	CPS-EP2000				
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. with poti	24-30V	30-45V	45-58V	58-90V	90-150V
Aout	84A	56A	42A	28A	18,2A
Ripply & Boise mVpp	35mV	50mV	75mV	150mV	300mV
Stability Loadswitch	$\pm 0,05\%$ 0-100%				
Response	< 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 Message				
Temperature Control	Power reduction and message				
Dimensions	84x126,4x444mm, 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 Current Monitoring	0-5Vdc				
Power Good Relay	Open/Center/Close				
Sense Mode	2V per load line				
Remote Shutdown	Message				
Options	Protective coating				
Accessory	2U & 3U Frontpanel, 2U & 3U Subframe, Hard-Mount-Kit				