



CPS-EX3000 3000W 19-Inch Rack-Mount & Wall-Mount, current & voltage programmable

- Current & Voltage programming with interface 0-5V
- Current & Voltage programming with internal potis
- OCP & OVP message
- Current Share Bus for 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

CPS-EX3000

Model	CPS-EX3000(R2)						
Continuous Power	3000W						
Nominal Input Voltage	230Vac						
Input Voltage Range AC	184-264Vac						
Input Voltage Range DC	250-375Vdc						
Hold-up Time	20ms						
Inrush Current AC	Electronic Inrush Limiter 14,6Arms						
Startautomatic	Softstart 100ms						
Vout	12V	24V	36V	48V	72V	110V	220V
Vout prog. range or poti	2-15V	24-30V	30-45V	45-58V	58-90V	90-150V	200-300V
Iout prog. range or poti	100,0-200,0A	62,5-125,0A	41,5-83,0A	31,2-62,5A	20,8-41,6A	13,6-27,2A	6,8-13,6A
Ripply & Boise mVpp	35mV	35mV	35mV	75mV	100mV	200mV	400mV
Effeciency	94%						
Basic Load	Idling-proof						
Short Cicuit Protection	Continuous						
Cooling	Stepless controlled fans from EBM-Papst (Germany), flow front-to-rear						
Dimensions	84x126,4x444mm, 2U or 3U Embedded or hard mount in 90° steps						
Safety Standards	EN61010-1, EN61010-2-201, EN62368-1, EN60204-1, EN60950-1						
Input- /Output Isolation	3000Vac						
EMI	EN55032 class B and class A depending on models						
EMS	EN61000-6-2,3,4						
MTBF	419.000h						
Interface Voltage Programming	0-5Vdc or Internal Potiometer						
Interface Current Programming	0-5Vdc or Internal Potiometer						
Interface Voltage Monitoring	0-5Vdc						
Interface Current Monitoring	0-5Vdc						
DC Power Good Relay	Yes						
AC Power Good Relay	Yes						
Inhibit (Interlock)	Yes						
Sense Compensation	Yes						
Remote Shutdown	Yes						
Continuous Mode	Yes						
Master Slave Mode	Yes						
Current Share Bus	Yes						
Fan Failure Monitor	Yes						
Temperature Monitor	Yes						