



CPS-i2000 2000W Laboratory Power Supply 19-Inch & Wall-Mount

- 3D-HD (3D Heat Dissipation) performs 360° mount in a 3-dimensional room
- 0-max. current & voltage programmable
- Current & Voltage Monitoring
- N+1 Parallel Operation
- Master Slave Operation for synchronous programming
- Current Share Bus for equal power distribution
- Constant Current Mode & Constant Voltage mode
- Fuse Mode & Continuous Mode
- Sensing Compensation
- Remote Shutdown
- Inhibit (Interlock)
- Temperature Monitoring & Fan Fail Monitoring
- Aux +12V 500mA
- Optional Powersink for quick down programming
- 6KW in a 2U sub rack
- 10KW in a 3U sub rack

CPS-i2000

Model	CPS-i2000(R2)				
Continuous Power	2000W				
Nominal Input Voltage	230Vac				
Input Voltage Range AC	184-264Vac				
Input Voltage Range DC	250-375Vdc				
Hold-up Time	30ms				
Inrush Current AC	Electronic Inrush Limiter 14,Arms				
Autostart	Soft start				
Programmable Output Voltage	0-18V	0-30V	0-60V	0-90V	0-150V
Programmable Output Current	0-165,0A	0-100,0A	0-50,0A	0-33,0A	0-20,0A
Riply & Boise mVpp	35mV	35mV	75mV	100mV	200mV
Effeciency	94%				
Basic Load	Idling-proof				
Short Cicuit Protection	Continuous				
Cooling	Stepless controlled fans from EBM-Papst (Germany) flow front-to-rear				
Dimensions (WxHxD)	126,4x84x444mm, 2U or 3U 19-Inch sub-rack or wallmount 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, 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)	Yes				
DC Power Good Relay	Yes				
AC Power Good Relay	Yes				
Sense Compensation	Yes				
Remote Shutdown	Yes				
Reference Voltage	Yes				
Fuse Mode	Yes				
Continuous Mode	Yes				
Master Slave Mode	Yes				
Current Share Bus	Yes				
Fan Failure Monitor	Yes				
Temperature Monitoring	Yes				
Powersink	Optional available for quick down programming				