



CPS-i3000 3000W 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
- Sense Compensation
- Remote Shutdown
- Inhibit (Interlock)
- Temperature Monitoring & Fan Fail Monitoring
- Aux +12V 500mA
- Optional Powersink for quick down programming
- 9KW in a 2U sub rack
- 15KW in a 3U sub rack

CPS-i3000

Model	CPS-i3000(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,Arms					
Autostart	Soft start					
Programmable Output Voltage	0-18V	0-30V	0-60V	0-90V	0-150V	0-300V
Programmable Output Current	0-185,0A	0-125,0A	0-62,5A	0-41,5A	0-25,0A	0-12,5A
Ripply & Boise mVpp	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 (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					