

HIGHLIGHTS

- AC and DC versions
- Hot swappable primary and backup power supplies
- Highly efficient 264 watt power supply reduces overall power consumption
- Over voltage protection enhances performance and reliability
- CPS 4800-DC has dual input capability for redundant -48 VDC powering with a detachable screw-type terminal block

The CPS 4800 is a highly efficient power supply for Harmonic's new HLP 4800 platform. It supplies +24 VDC power to the power bus which powers all the modules in the HLP 4800 platform. The CPS 4800 is installed into a dedicated power supply slot. The HLP 4800 will operate with a single power supply or an additional CPS 4800 power supply may be installed in the platform and operated in a hot redundancy mode to enhance system reliability. In either case, the HLP 4800 chassis accommodates 10 application modules in 3 RU height.



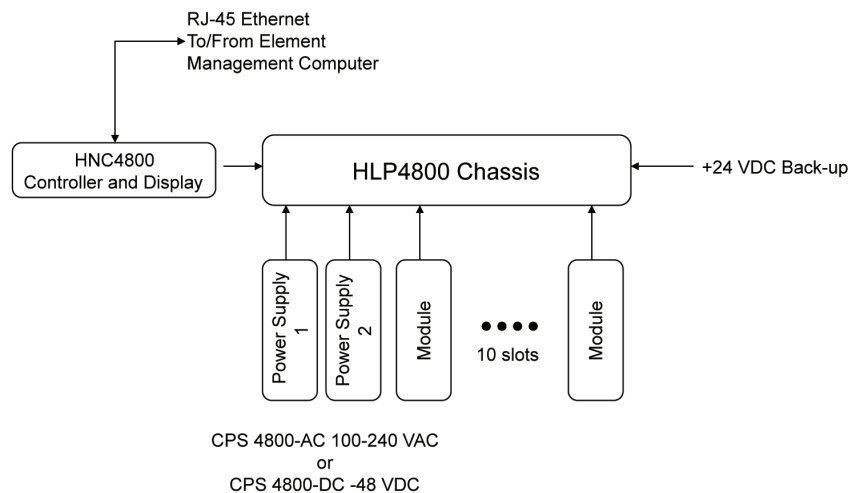
The CPS 4800 provides an internal status monitor that can be read on the HLP 4800 display or remotely by means of the WEB/SNMP GUI.

Model Number

CPS 4800-AC
CPS 4800-DC

Description

Power supply. 100 - 240 VAC, 50/60 Hz input voltage.
Power supply. Redundant -48 VDC inputs.



Standard Configuration

USER INTERFACE

Front Panel	Bi-state Status LED Normal = Green, Alarm = Red Latching screw
Rear Panel CPS 4800-DC CPS 4800-AC	Detachable screw-type terminal block IEC male power connector

OUTPUT POWER

Output Voltage	24 ± 1.0 VDC
Output Current	11 Amps maximum
Short circuit and over voltage protection	

ENVIRONMENTAL

Operating Temperature Range	0° to +50° C / +32° to +122° F
Storage Temperature Range	-40° to +85° C / -40° to +185° F
Relative Humidity	Maximum 95% non-condensing

PHYSICAL

Dimensions	4.87 cm W x 8.67 cm H x 26.55 cm D 1.92" W x 3.4" H x 11.86" D
Weight	1 kg 2.2 lbs
Mounting HLP 4800 platform; dedicated power supply slot	

PART NUMBERS

HLP4800	Chassis
HNC4800	Display and controller
CPS4800-AC	AC power supply
CPS4800-DC	DC power supply
FW-HNC4800-WEB/SNMP	WEB/SNMP license

POWER REQUIREMENTS

CPS 4800-DC Input Voltage	-36 to -72 VDC, 12 A max.
CPS 4800-AC Input Voltage	100-240 VAC, 5 A max., 47-63 Hz