



Constellation™ Power Transmitter Chassis, capable of energizing up to ten enclosures with management module that provides remote access /monitoring/control of the Constellation power delivery system

- Delivers 10x power and 5x distance over traditional systems
- Modular system for reliability and expansion
- Hot swappable transmitters and power supplies
- TCP/IP Lan interface w/SNMP support
- Commscope GUI for management and support

Product Classification

Regional Availability	North America
Portfolio	SYSTIMAX®
Product Type	Power source
Product Brand	Constellation™

General Specifications

Color	Black
Rack Units	2
Standards	CISPR 32 IEC/EN 55032 EN 300 386 v2.1.1 EN 50121-4 FCC Part 15B Class A

Dimensions

Height	88.9 mm 3.5 in
Width	449.35 mm 17.691 in
Depth	493.7 mm 19.437 in
Length	493.7 mm 19.437 in

Electrical Specifications

Input Voltage	100–277 Vac
Output Current, maximum	16 A
Output Power, maximum	12 kW
Output Voltage	336 Vdc

Material Specifications

Material Type	Powder coated steel
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Environmental Specifications

Operating Temperature	-20 °C to +50 °C (-4 °F to +122 °F)
Storage Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Relative Humidity	5%–95%, non-condensing
Environmental Space	Indoor
Safety Standard	IEC 62368-1

Packaging and Weights

Packaging quantity	1
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



Included Products

760254287 CPM-3K	– Constellation™ Transmitter Power Module, 3 kW module that provides the CPCX-12 with up to 12 kW of capacity
760254290 CABLE-PWR-SAFD-L620P	– Constellation™ Power Supply Cord, AC, Saf-D-Grid® to L620P power cable



Constellation™ Transmitter Power Module, 3 kW module that provides the CPCX-12 with up to 12 kW of capacity

Product Classification

Regional Availability	North America
Portfolio	SYSTIMAX®
Product Type	Power supply
Product Brand	Constellation™

General Specifications

Color	Black
Standards	CISPR 32 IEC/EN 55032 EN 300 386 v2.1.1 EN 50121-4 FCC Part 15B Class A

Dimensions

Height	41.5 mm 1.634 in
Width	109 mm 4.291 in
Depth	327 mm 12.874 in
Length	327 mm 12.874 in

Electrical Specifications

Output Current, maximum	1.8 A
Output Voltage	336 Vdc

Material Specifications

Material Type	Aluminum
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Environmental Specifications

Operating Temperature	-20 °C to +50 °C (-4 °F to +122 °F)
Storage Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Relative Humidity	5%–95%, non-condensing
Environmental Space	Indoor

Safety Standard

IEC 62368-1

Packaging and Weights

Packaging quantity

1

Regulatory Compliance/Certifications

Agency

Classification

CHINA-ROHS

Below maximum concentration value

REACH-SVHC

Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS

Compliant

UK-ROHS

Compliant





Constellation™ Power Supply Cord, AC, Saf-D-Grid® to L620P power cable

Product Classification

Regional Availability	North America
Portfolio	SYSTIMAX®
Product Type	Power cable assembly
Product Brand	Constellation™

Environmental Specifications

Operating Temperature	-20 °C to +50 °C (-4 °F to +122 °F)
Environmental Space	Indoor
Safety Standard	IEC 62368-1

Packaging and Weights

Packaging quantity	1
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

