

Infinity P2™ Power System

Dual Voltage, Rack Mounted Power System



- Configurations to 2000 Amps
- Dual Voltage power system
- Primary voltage can be positive or negative
- 48 and 80 position distribution head options
- Optional 8 position secondary voltage output module
- High availability wireless telecom applications
- Telecom service providers
- Efficiency approaching 97%

Overview

The PECO II by Lineage Power Infinity P2 DC energy system is a modular power plant that supports Positive output or Negative output. With primary and optional secondary voltages through the use of a comprehensive range of state of the art rectifiers and DC/DC converter modules. Primary voltage is supported by rectifiers and battery reserve, while secondary voltage is supported by DC/DC converter modules.

The Infinity P2 Power System has a primary voltage capacity for 24V or 48V power up to 2000A; secondary voltage capacity is up to 90A.

Shelf / Bay Options

Infinity P2 systems may be equipped in a 7ft, 23 inch relay rack; a half height rack for battery mounting; mounting rails for field installation applications. The 48 position distribution module is 15U (26.25 inches) tall while the 80 position distribution module is 22U (38.5 inches) tall. Universal shelves are 1U tall with four slots that accept any Infinity series rectifier or converter interchangeably in any power slot. This allows the available slots

to be filled with the mix of power modules desired. The only restriction is whether AC power is applied to the shelf/slot.

This gives extreme flexibility in the provisioning of power modules.

Infinity Rectifier and Converter Family

The Infinity P2 offers DC rectifiers and converters for both +24V to -48V and -48V to +24V applications. Rectifiers and converters are color coded to quickly identify both the voltage and whether it is a rectifier or converter (orange for +24V and blue for -48V).

Phoenix II Controller

The Infinity P2 utilizes the Phoenix II controller with Ethernet and SNMP communications to deliver extensive monitoring and control features with remote access. The 26 status LEDs on the front panel display provide instant recognition of power plant conditions and alarm status. The 2.5 inch by 2.5 inch display provides the user with a large viewing area when changing power plant set points or viewing detailed power plant conditions.

Benefits

Reliability

- Proven field performance
- Excellent fault tolerance

Intelligence

- Ethernet interface for remote access and SNMP capability
- Centralized network management using PowerPro software
- 26 Status LEDs

Investment Protection

- Module Compatibility
- Power Shelf Growth
- Secondary Voltage flexibility
+24V / -48V
- Flexible Upgrade Options

On Time Delivery

- 3-6 week availability
- 24/7 emergency support
- Common building blocks for both positive and negative output models

Total Efficiency

The Lineage Power Total Efficiency™ (TE) architecture reduces energy loss and lowers cooling costs by 50-70%. TE products will prioritize sustainable energy sources like solar, wind, water and fuel cells over traditional utility grid or diesel generator sources – and they will intelligently respond to smart grid information to reduce consumption during peak demand periods. Active Rectifier Management (ARM) and Battery Charging Optimization (BCO) features increase efficiency on current and legacy power infrastructures. The Total Efficiency architecture addresses issues end-to-end based on our proven experience and expertise in batteries, power distribution, DC energy systems, AC/DC power supplies, and DC/DC board mounted power to deliver a solution that is more safe, reliable and energy efficient than alternatives from our competitors.

Infinity Rectifiers and Converters



- **Compact** - 1RU form factor providing high power density (24 W/in³)
- **Dual Voltage compatibility** – the unique connector pin designation allows the rectifier to be used in a “universal” power shelf, alongside rectifiers or DC/DC converters with different output voltages.
- **Plug and Play** – installation of the rectifier in a shelf connected to a compatible system controller initializes all set up parameters automatically. No adjustments are needed.
- **Extended service life** – parallel operation with automatic load sharing ensures that parallel units are not unduly stressed even when a unit fails or is removed.
- **Monitoring / control** – the built in microprocessor controls and monitors all critical rectifier functions and communicates with the system controller using the built in Galaxy Protocol serial interface.
- **Fail safe performance** – hot insertion capabilities allow for rectifier replacement without system shutdown; soft start and inrush current protection prevent nuisance tripping of upstream breakers.

Applications

- Telecommunications networks
- Digital subscriber line (DSL)
- Indoor/outdoor wireless
- Routers/switches
- Fiber in the loop
- Transmission
- Data networks
- PBX

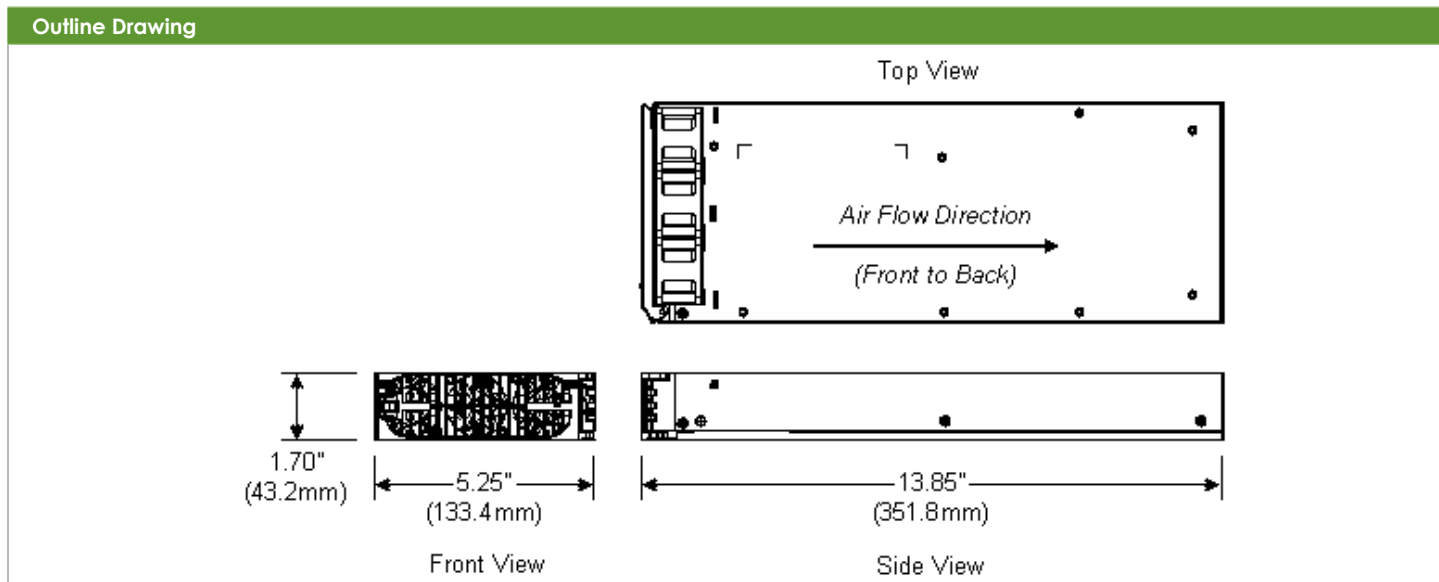
Key Features

- Extended temperature range
- Redundant fan cooling
- Front panel LED indicators
- 1U height, hi power density
- 220/110 V AC input
- Digital load sharing
- Hot pluggable
- RoHS compliant

Specifications

Input	SM100F24L	SM50F48L	SM48N30L	SM24P75L
Voltage Range - High-Line - Low-Line	175-275Vac 85-140Vac	175-275Vac -	21-30Vdc - -	42-60Vdc - -
Input Current	14.9A @208Vac 12.9A @240Vac	14.5A @208Vac 12.6A @240Vac	63A @27Vdc 81A @21Vdc	41A @54.5Vdc 54A @42Vdc
Input Frequency	45 – 66Hz	45 – 66Hz	-	-
Power Factor	0.98 at>50% load	0.98 at>50% load	-	-
Efficiency	92%	93%	-	-
Total Harmonic Distortion	5% at full load	5% at full load	-	-
Output				
Voltage Adjust Range	21-29Vdc	42-58Vdc	46-57Vdc	23-28Vdc
Voltage Nominal	27.25V	54.5V	52.0V	27.2V
Regulation(with controller)	±0.5%	±0.5%	±0.5%	±0.5%
Ripple	100mV rms	100mV rms	100mV rms	100mV rms
Psophometric Noise	2 mV	2 mV	2 mV	2 mV
Output Current - High-Line - Low-Line	100A @27.25V 44A @27.25V	50A @54.5V -	30A @52.0V - -	75A @27.2V - -
Heat Dissipation @ max out	237W / 808 BTU/hr	205W / 699 BTU/hr	154W / 525 BTU/hr	202W / 689 BTU/hr

Environmental	
Operating Temperature	-40°C to +75°C (-40 to 167 °F)
Storage Temperature	-40°C to +85°C (-40 to 185 °F)
Power De-Rating	2% per °C from +65°C to +75°C
Relative Humidity	95% max, non-condensing
Altitude	4,000M max
Mechanical	
Length (in. /mm)	13.85 / 351.8
Width (in. /mm)	5.25 / 132.8
Height (in. /mm)	1.70 / 43.2
Weight (lb / Kg)	5.2 / 2.4
Safety and Standards Compliance	
NEBs	Evaluated by independent NRTL test lab to Telcordia GR63 and GR1089-CORE, Issue 4
Safety	CE mark to Low Voltage Directive 2006/95/EC and EMC Directive 2004/108/E UL 609501-1 Recognized CSA C22.2 No. 60950-1-03 Certified
RoHS	Compliant to RoHS EU Directive 2002/95/EC
EMC	FCC and EN 55022, Class A; FCC, Class A
ESD	EN61000-4-2, Level 4



Phoenix II Controller



The Phoenix II controller provides system monitoring and control features for the Infinity P2 power systems. This controller monitors and controls system components including rectifiers, converters, and inverters via a multi-drop RS485 digital communications bus. System status parameters, settings, alarm history, daily peak Statics and alarm thresholds can be viewed and configured from the controller's front panel display. Assignments and configuration of alarm inputs and output relays can be performed locally using a laptop computer or remotely via a

network connection to the World Wide Web (internet) while using the well marked Ethernet port. The controller uses standard network management protocols allowing for advanced network supervision. Lineage Power PowerPro software is the centralized visibility and control component of a comprehensive power management system designed to meet engineering, operations, and maintenance needs. The PowerPro client-server architecture enables remote access, polling, and parsing of data from a comprehensive list of system controllers.

Applications

- Telecommunications networks
- Digital subscriber line (DSL)
- Indoor/outdoor wireless
- Routers/switches
- Fiber in the loop
- Transmission
- Data networks
- PBX

Key Features

Remote Access and Features

- Integrated 10/100Base-T Ethernet Network
 - TCP/IP
 - SNMP
 - Telnet for command line interface
 - DHCP for plug-n-play
 - HTTP for web pages
 - Compatible with PowerPro
 - Shielded RJ-45 interface grounded to chassis for Ethernet connectivity and local craft port
- Password protected security levels: View only, User, and Administrator
- Most standard internet browsers for controller configuration and viewing
- Enhanced user interface
 - 2.5 inch by 2.5 inch LCD on front pane
 - Rotary control knob
 - User Quick Start Guide provides a ready reference for most used functions
 - 28 front panel power plant status LEDs for quick status evaluation

Standard System Features

- Robust RS485 system bus
- Standard and user defined alarms
 - Alarm test
 - Assignable alarm severity: Critical, Major, Minor, and Record-only
 - 10 alarm relays

- Rectifier management features
 - Automatic rectifier restart
 - Active Rectifier Management
 - Energy Management
 - Remote rectifier (On/Standby)
 - Limited Recharge capacity alert
 - Control Low Voltage Load Disconnects (LVLD) independently on both A and B equipment load centers for load shedding
 - Low Voltage Battery Disconnects (LVBD) available
 - User defined disconnect and reconnect thresholds for both LVLD and LVBD
- Configuration, statics, and history stored in non-volatile memory
 - History and Statics downloadable
- User defined events and derived channels
- Converter output current threshold alert

Standard Battery Management Features

- Float and manual boost mode
- Temperature Compensation (TCOMP)
 - High temperature
 - Low temperature
 - Feature Enable/Disable
 - Configurable thresholds

- High temperature disconnect setting
- Configurable recharge current limit
- Converter output current threshold
- Two Emergency Power-off inputs

PowerPro Compatible

- Customized engineering and site planning database with multiple user access via WEB or modem to live or managed data.
- Can automatically poll power plant controllers, parses data, and display information in customizable screens.
- Battery reserve time calculations.
- Utilize data in "What If" scenarios to plan equipment additions and removals without effecting stored data.
- Size new power plant and battery installations
- Creates a variety of standard reports exportable to spread sheets or text documents.
- Can be programmed to extend customer defined threshold alerts.
- Complete facility inventory with warranty information.

Shelf Specifications

Mechanical	
Height	15RU standard cabinet plus 1RU per power shelf – Base system 16RU (28 inches / 712mm) 22RU extended cabinet plus 1RU per power shelf – Base system 23RU (41 inches / 1023mm)
Width (with mounting ears)	23 inches (584mm)
Depth	22 inches (558.8mm)
Weight (without rectifiers)	Approximately 450lbs (205kg) – Standard System, 590lbs (268kg) – Extended System
Environmental	
Operating Temperature Range	-40°C to +75°C (-40 to 167 °F)
Storage Temperature Range	0 - 95% (non-condensing)
Relative Humidity	-40°C to +85°C (-40 to 185 °F)
EMC	FCC, EN 55022, CISPR22, Level A, conducted and radiated
Immunity	FCC and CISPR22 (EN55022) Class A2
Agency Certifications	
UL	Canada/US UL60950/UL1801
EMI/EMC	CISPR class B conducted and radiated

Additional Information

Product Documentation

- 4380478PD: Installation Guide
- 4380405PD: Advanced Features User Guide for the Phoenix II Controller

Infinity P2 System



Infinity P2 may be configured as a +24V or -48V single voltage power system or as a dual voltage power system that supports rectifiers and converters. The primary voltage is supported by +24V or -48V rectifiers and battery reserve, while secondary voltage is supported by DC/DC converters. Infinity P2 includes dedicated 24V, 48V and return buses. The primary voltage capacity is 2,000A at 24V and 2,000A at 48V. Secondary voltage capacity is up to 90A. The system includes low voltage battery disconnect option for the primary voltage. A low voltage load disconnect option can be used for load shedding to maintain critical loads.

Applications

- Wireless Telecom networks
- Central Office
- Indoor/outdoor wireless
- Transmission
- Data networks
- PBX

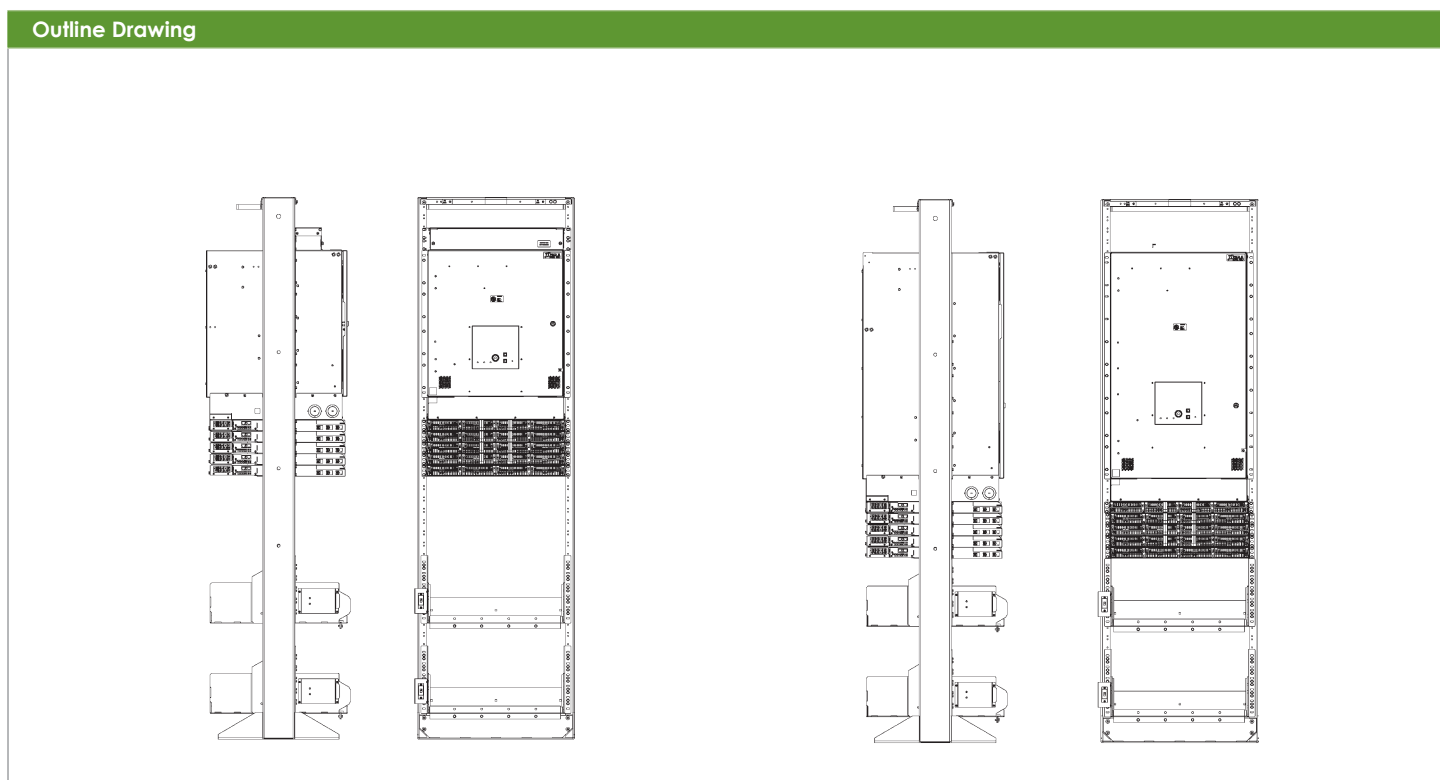
Key Features

- Dual Voltage Flexibility
- Redundant fan cooling
- 26 Front panel LED indicators
- 1U height, hi power density
- 220/110 V AC input
- Digital load sharing
- Hot pluggable
- RoHS compliant

Specifications

Input	Min	Typ	Max	
Voltage Range - High-Line - Low-Line	175Vac 85Vac	220Vac 110Vac	275Vac 140Vac	Only available in 24V Rectifiers
Frequency	45Hz	60Hz	66Hz	
Power Factor	98%	99.5%		
Efficiency		92%		
Total Harmonic Distortion			5%	
Primary Output				
Nominal Voltage	24Vdc		-48Vdc	
Output Current	2,000A		2,000A	
Vo Setpoint (factory)	27.2Vdc±1%		-54.5Vdc±1%	
Vo Range	+21Vdc to +29Vdc		-42Vdc to -58Vdc	
Regulation	±0.5%			
Secondary Output				
Nominal Voltage	-48Vdc		24Vdc	
Output Current	90A		90A	
Vo Setpoint (factory)	-54.5Vdc±1%		27.2Vdc±1%	
Vo Range	-42Vdc to -58Vdc		+21Vdc to +29Vdc	
Regulation	±0.5%			
Mechanical				
Height (in. /mm)	33.25 / 844.5 (Standard System with 4 power shelves)			
Width (in. /mm)	23 / 584.2 (Standard Frame)			
Depth (in. /mm)	22 / 558.8			
Weight (lb / Kg)	450 / 205 (Standard System) 590 / 268 (Extended System)			

Environmental	
Operating Temperature	-40°C to +75°C (-40 to 167 °F)
Storage Temperature	-40°C to +85°C (-40 to 185 °F)
Relative Humidity	95% max, non-condensing
Altitude	4,000M max
Safety and Standards Compliance	
NEBs	Evaluated by independent NRTL test lab to Telcordia GR63 and GR1089-CORE, Issue 4
Safety	UL 60950-1-1 Recognized CSA C22.2 No. 60950-1-03 Certified
RoHS	Compliant to RoHS EU Directive 2002/95/EC
EMC	FCC and EN 55022, Class A; FCC, Class A
ESD	EN61000-4-2, Level 4



Ordering Information – Infinity P2 Power System

Ordering Guide

Infinity P2 may be configured as a +24V or -48V single voltage power system or as a "dual voltage" power system that supports rectifiers and converters. The primary voltage is supported by +24V or -48V rectifiers and battery reserve, while secondary voltage is supported by dc/dc converters. The primary voltage capacity is 2,000A at both 24V and 48V. Secondary voltage capacity is up to 90A.

Infinity P2 systems may be equipped in a 7ft framework, a half height (42") frame for mounting on battery stands, or supplied frameless for field install applications.

Features

- Infinity Series Rectifiers for +24V and -48V applications.
- Optional Secondary voltage distribution module
- DC/DC Converter support for dual voltage systems
- Temperature hardened harsh environments. (-40°C to +75°C)
- Compact size: Base System with 4 power shelves occupies 18 RU (31.5 in) of 23" rack space (22" depth)
- Frame options – Factory installed in 7ft or 42" tall, 23" wide frame or field installed in user supplied frame
- Dual LVLD for Load Bank A & Load Bank B and LVBD options.
- Phoenix II controller with Web based interface for local and remote (LAN) access with SNMP.
- Distribution options include 3A-250A bullet style circuit breakers, TPL fuse blocks to 600A and GMT fuses











Step 1: Select the Base Power System

Primary voltage systems			
Output	Ordering Code	Equipment Description	Picture
+24V	687138LP-3	Single Voltage 1,200A 24V system, includes: <ul style="list-style-type: none"> 48 CB positions 3 universal power shelves Battery shunt 7ft Zone 4 frame Door mounted Phoenix II controller 	
1200A			
+24V	687138LP-4	Single Voltage 1,200A 24V system, includes: <ul style="list-style-type: none"> 48 CB positions 3 universal power shelves Battery shunt 7ft Zone 4 frame Door mounted Phoenix II controller With LVLD and load shunts on load bank A and B 	
1200A			
+24V	687138LP-5	Single Voltage 1,200A 24V system, includes: <ul style="list-style-type: none"> 80 CB positions 3 universal power shelves Battery shunt 7ft Zone 4 frame Door mounted Phoenix II controller 	
1200A			
+24V	687138LP-6	Single Voltage 1,200A 24V system, includes: <ul style="list-style-type: none"> 80 CB positions 3 universal power shelves Battery shunt 7ft Zone 4 frame Door mounted Phoenix II controller With LVLD and load shunts on load bank A and B 	
2000A			
+24V -48V	687138LP-7	Dual Voltage 1,600A 24V system includes: <ul style="list-style-type: none"> 48 CB positions 8 secondary voltage distribution positions rated at 90A 4 universal power shelves Battery shunt 7ft Zone 4 frame Door mounted Phoenix II controller 	
1600A			
+24V -48V	687138LP-8	Dual Voltage 1,600A 24V system includes: <ul style="list-style-type: none"> 48 CB positions 8 secondary voltage distribution positions rated at 90A 4 universal power shelves Battery shunt 7ft Zone 4 frame Door mounted Phoenix II controller With LVLD and load shunts on load bank A and B 	
1600A			
+24V -48V	687138LP-9	Dual Voltage 1,600A 24V system includes: <ul style="list-style-type: none"> 80 CB positions 8 secondary voltage distribution positions rated at 90A 4 universal power shelves Battery shunt 7ft Zone 4 frame Door mounted Phoenix II controller 	
1600A			
+24V -48V	687138LP-10	Dual Voltage 1,600A 24V system includes: <ul style="list-style-type: none"> 80 CB positions 8 secondary voltage distribution positions rated at 90A 4 universal power shelves Battery shunt 7ft Zone 4 frame Door mounted Phoenix II controller With LVLD and load shunts on load bank A and B 	
1600A			
+24V -48V	687138LP-11	Dual Voltage 1,600A 24V system includes: <ul style="list-style-type: none"> 48 CB positions 8 secondary voltage distribution positions rated at 90A 4 universal power shelves Battery shunt 3.5 ft Zone 4 frame Door mounted Phoenix II controller 	
1600A			

Primary voltage systems			
Output	Ordering Code	Equipment Description	Picture
<div>-48V</div> 600A	687139-16	Single Voltage 600 A -48V system, includes: <ul style="list-style-type: none"> • 48 CB positions • 3 universal power shelves • Battery shunt • 7ft Zone 4 frame • Door mounted Phoenix II controller 	
<div>-48V</div> 1200A	687139-17	Single Voltage 1,200A -48V system, includes: <ul style="list-style-type: none"> • 48 CB positions • 6 universal power shelves • Battery shunt • 7ft Zone 4 frame • Door mounted Phoenix II controller 	
<div>-48V</div> 600A	687139-18	Single Voltage 600A -48V system, includes: <ul style="list-style-type: none"> • 80 CB positions • 3 universal power shelves • Battery shunt • 7ft Zone 4 frame • Door mounted Phoenix II controller 	
<div>-48V</div> 1200A	687139-19	Single Voltage 1,200A -48V system, includes: <ul style="list-style-type: none"> • 80 CB positions • 6 universal power shelves • Battery shunt • 7ft Zone 4 frame • Door mounted Phoenix II controller 	
<div>-48V</div> 2000A	687139-20	Single Voltage 2,000A -48V system, includes: <ul style="list-style-type: none"> • 80 CB positions • 10 universal power shelves • Battery shunt • 7ft Zone 4 frame • Door mounted Phoenix II controller 	
<div>-48V</div> 1600A	687139-21	Single Voltage 1,200A -48V system, includes: <ul style="list-style-type: none"> • 6 TPL 600A fuse positions • 24 CB positions • 6 universal power shelves • Battery shunt • 7ft Zone 4 frame • Door mounted Phoenix II controller 	

Step 2: Select Rectifiers & Converters

Rectifiers			
Output	Ordering Code	Model	Photo
	SM100F24L	95-150Vac input, 24V, 45A output 175-275Vac input, 24V, 100A output	
100A			
	SM50F48L	175-275Vac input, 48V, 50A output	
50A			

Converters			
Output	Ordering Code	Model	Photo
	SM48N30L	21-29 Vdc input, 30A output	
30A			
	SM24P75L	42-60 VDC input, 75A output	
75A			


Miscellaneous	
Ordering Code	Model
4281051P	Blank panel for use in empty rectifier / converter positions
631128LPAC-2P-4	Dual AC adapter kits


Step 3: Select Alarm Cables

Alarm Cables		
Ordering Code	Model	Photo
6370559P-50	Alarm output, connectorized 10-PR 24 AWG solid wire, 50' long	
6370559P-100	Alarm output, connectorized 10-PR 24 AWG solid wire, 50' long	
6370506P	Dual temperature probe 10' each	
6370523P	Temperature probe extension cable 10'	

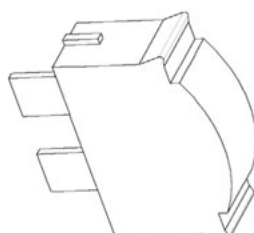
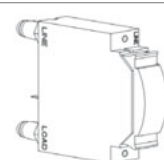
Step 4: Select Distribution Components

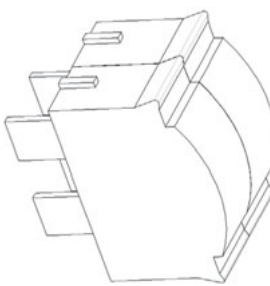
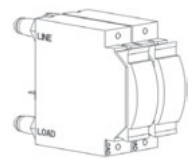
Circuit Breakers				
Ordering #	Amperage	Positions (Poles)	Min Wire Gauge	Photo
3050107P-2	2A	1	10	
3050107P-5	5A	1	10	
3050107P-10	10A	1	10	
3050107P-15	15A	1	10	
3050107P-20	20A	1	10	
3050107P-25	25A	1	10	
3050107P-30	30A	1	10	
3050107P-35	35A	1	10	
3050107P-40	40A	1	8	
3050107P-50	50A	1	6	
3050107P-60	60A	1	6	
3050107P-70	70A	1	2	
3050107P-80	80A	1	2	
3050107P-90	90A	1	2	
3050107P-100	100A	1	2	
6420606P-125	125A	2	2	
6420606P-150	150A	2	1/0	
6420664P-200	200A	3	2/0	
6420664P-225	225A	3	4/0	
6420664P-250	250A	3	4/0	

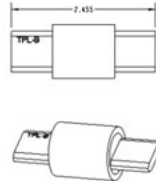
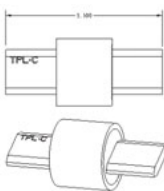
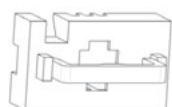
GMT Fuses		
Ordering #	Amperage	Photo
3150534	DUMMY	
*3150437	*.18A	
3150438	.25A	
3150439	.5A	
3150441	.75A	
3150442	1A	
3150443	1.33A	
3150444	2A	
3150445	3A	
3150446	5A	
3150447	7.5A	
3150448	10A	
* Use as alarm fuse in TLS, TPS, & TPL fuse holders		

Bullet Style GMT Fuse Holder		
Ordering #	Amperage	Photo
6200683P-1	(5) GMT fuse positions, Plugs into (2) distribution positions	

Bullet Style Fuse Holder and TPS / TLS Fuses		
Ordering #	Amperage	Photo
3150006P-17	1A	
3150006P-1	3A	
3150006P-2	5A	
3150006P-3	6A	
3150006P-4	10A	
3150006P-5	15A	
3150006P-6	20A	
3150006P-7	25A	
3150006P-8	30A	
3150006P-14	35A	
3150006P-9	40A	
3150006P-10	50A	
3150006P-11	60A	
3150006P-12	70A	
3150006P-15	80A	
3150006P-16	90A	
3150006P-18	100A	
3150006P-13	125A	
3140195P	TPS / TLS PLUG IN FUSE HOLDER FOR 1-125A	

Bullet Style Fuse Holder and TPC Fuses		
Ordering #	Amperage	Photo
3150083P-3	3A	
3150083P-4	4A	
3150083P-5	5A	
3150083P-6	6A	
3150083P-7	7A	
3150083P-8	8A	
3150083P-10	10A	
3150083P-12	12A	
3150083P-15	15A	
3150083P-20	20A	
3150083P-25	25A	
3150083P-30	30A	
3150083P-40	40A	
3150083P-50	50A	
3150083P-60	60A	
3150083P-75	75A	
3150083P-90	90A	
3150083P-100	100A	
3150083P-125	125A	
3140188P-1	TPC plug-in fuse holder for 3-125A Plugs into single distribution position	

Bullet Style Fuse Holder and TPW Fuses		
Ordering #	Amperage	Photo
3150086P-150	150A	
3150086P-175	175A	
3150086P-200	200A	
3150086P-225	225A	
3150086P-250	250A	
6420603P-3	TPW plug-in fuse holder for 150-250A Plugs into (2) distribution positions	

TPL-B & TPL-C Fuses (use with TPL fuse distribution system only)		
Ordering #	Amperage	Photo
TPL-B		
3150087P-70	70A	
3150087P-80	80A	
3150087P-90	90A	
3150087P-100	100A	
3150087P-125	125A	
3150087P-150	150A	
3150087P-175	175A	
3150087P-200	200A	
3150087P-225	225A	
3150087P-250	250A	
TPL-C		
3150087P-300	300A	
3150087P-350	350A	
3150087P-400	400A	
3150087P-450	450A	
3150087P-500	500A	
3150087P-600	600A	
3150087P-800	800A	
3140020P	TPL-B fuse holder insert, required with each 70-250A TPL fuse used List 3	

Management Visibility

Galaxy Manager™ software is the centralized visibility and control component of a comprehensive power management system designed to meet engineering, operations and maintenance needs. The Galaxy Manager client-server architecture enables remote access to system controllers across the power network.

- Dashboard display with one-click access to management information database
- Trend analysis
- Scheduled or on demand reports
- Fault, configuration, asset, and performance management

Training

Lineage Power offers on-site and classroom training options based on certification curriculum. Technical training can be tailored to individual customer needs. Training enables customers and partners to more effectively manage and support the power infrastructure. We have built our training program on practical learning objectives that are relevant to specific technologies or infrastructure design objectives.

Service & Support

Lineage Power field service and support personnel are trusted advisors to our customers – always available to answer questions and help with any project, large or small. Our certified professional services team consists of experts in every aspect of power conversion with the resources and experience to handle large turnkey projects along with custom approaches to complex challenges. Proven systems engineering and installation best practices are designed to safely deliver results that exceed our customers' expectations.

Warranty

Lineage Power is committed to providing quality products and solutions. We have developed a comprehensive warranty that protects you and provides a simple way to get your products repaired or replaced as soon as possible.

The Lineage Power Infinity P2 comes with a 2 year hardware warranty. For full warranty terms and conditions please go to www.lineagepower.com/warranty.

Contact Us

For more information, call Lineage Power toll free at **877-LINEAGE (877-546-3243)**, or +1 972 244 9288 and visit us on the Web at lineagepower.com

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