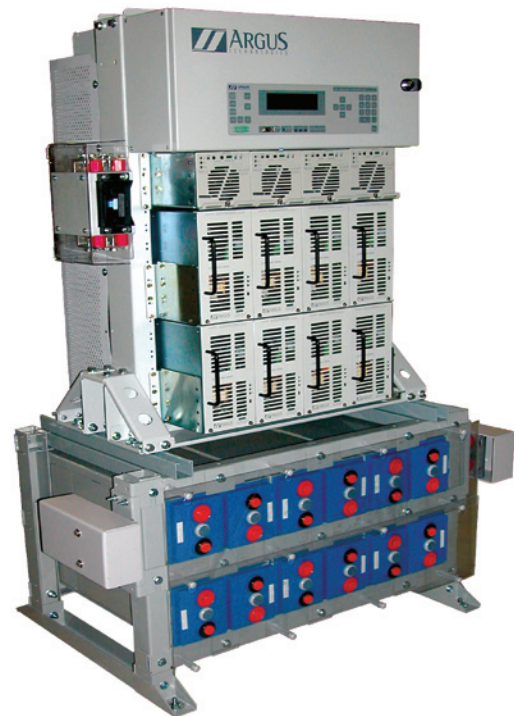


Power

Vista™ Vi12

Modular Power System



- Available in 24VDC, 600A output
- Designed to mount on top of VRLA battery systems
- User-configurable, modular distribution
- Optional 24VDC to 48VDC converters and distribution
- Intelligent system control and communication
- Completely front accessible

The ultimate “all-in-one” powering solution for wireless communications. Argus Vista is a front-access system with modular components designed for wireless networks. Split bus distribution provides 24VDC and 48VDC. The Vista Vi12 provides outstanding system flexibility and enables your DC power system to grow and adapt incrementally to your current and future network application requirements.

The complete Vista platform combines an industry-leading system controller with field-proven power components. Vista supplies 24VDC/800A in a standard 40.5” power plant mounted on a VRLA battery stack. The key to Vista’s distribution is flexibility, which accommodates a number of standard or custom configurations. Vista can be fitted with an optional 48V DC to DC converter and split breaker panel to provide a GSM overlay solution.

Vista Vi12 Modular Power System

Electrical

Input voltage:	176 – 264VAC 47 – 63Hz
Output voltage:	21 – 30VDC (Pathfinder® 3kW rectifiers) 44 – 52VDC (CSM11 converters)
Output current:	125A max. per rectifier 26A max. per converter
Power:	3000W max. per rectifier module 1250W max. per converter module
Capacity:	1000A system bus 600A distribution module

Mechanical

Dimensions	
cm:	98H x 62W x 56D
inches:	38.5H x 24.5W x 22D
Weight:	Approx. 220kg (485lb) Includes complete 1000A distribution center, with CSM11 converters, and two fully loaded Pathfinder cabinets

Environmental

Temperature:	0 – 50°C (32 – 177°F)
Humidity:	0 – 95% RH non-condensing
Elevation:	-500 – 2800m (-1640 – 9186ft)

Related Components

Rectifiers

Choose up to four Pathfinder 24V-3kW rectifiers per shelf (see datasheet #048-537-10).
Choose up to two field-expandable shelves per system.

Converters (Optional)

Choose up to four CSM11 DC-DC converters (see datasheet #048-582-10).
One shelf max. is optional (factory installed).

Low Voltage Disconnect

LVD option
24VDC/600A (one per distribution tier)

Distribution

Terminations load & returns AM-type bullet style:
2 x 1/4-20 studs on
5/8" centers per pole

Battery hot & return four sets:
2 x 3/8-16 inserts on 1" centers; spaced 1-1/2"

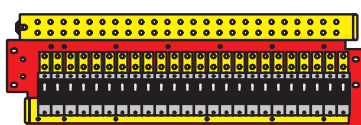
Alarms SM02 connections:
0.34 – 2.5 mm² (14 – 22AWG)

Supervisory

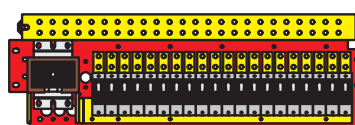
The system's monitoring and control center.
See SM02 datasheet #048-525-10 for detailed information on alarms and controls available.

Standards

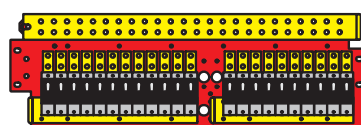
CSA:	C22.2 No. 950-95
UL:	1950-1997
FCC:	Part 15, Class B
ICES-03:	Class B
ANSI/IEEE:	C62.41 Cat. B3



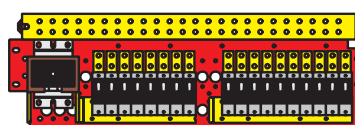
24 position bullet breaker tier rated at 600 amps.



20 position bullet breaker tier with LVD rated at 600 amps.



Split tier with 12 x 24 volt bullet breaker positions rated at 600 amps and 10 x 48 volt bullet breaker positions. 4 x 24 volt breaker positions are reserved for converter feeds.



Split tier with 8 x 24 volt bullet breaker positions with LVD rated at 600 amps and 10 x 48 volt bullet breaker positions. 4 x 24 volt breaker positions are reserved for converter feeds.

For contact information visit www.AGIPower.com

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