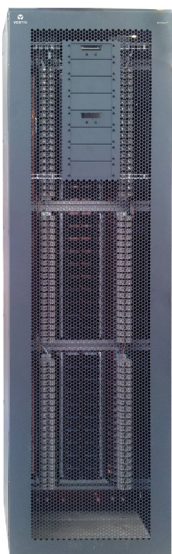


### KEY FEATURES

- Touch protection on live parts for safe and easy installation, operation and maintenance
- Bullet type circuit breakers or cartridge fuses enable safe and easy change and expansion on live systems
- Intelligent Load Management delivers individual current measurement, rack load measurement and power consumption mapping
- Site energy consumption mapping is available for each DC power fed server rack
- Distribution capacity up to 2000 A per cabinet supports large loads in a small footprint
- Dedicated cable chute provides easy access and organization
- A+B configuration in one cabinet reduces footprint
- Dedicated load allocation with up to 6 individually fed distribution panels in one cabinet
- Emergency stop, main input switch and digital meters are available.



## Designed to enable safe and easy service on live systems deployed in environments with changing power needs, the NetSure™ Advanced Remote Distribution Cabinet delivers uncompromised power availability

The NetSure Advanced Remote Distribution Cabinet is designed for use in close proximity to -48V data or telecom loads.

It offers a quick, safe and reliable way to feed the loads on sites with changing power needs. In combination with the Intelligent Load Management option, this system delivers a detailed understanding of all site loads and gives early warning of possible overload.

### Extended availability

*Minimizes the need for unplanned service interruptions*

The NetSure Advanced Remote Distribution Cabinet is designed to provide maintenance staff safe and easy access to power distribution. With full hazard protection when touching live parts, readily available bullet circuit breakers for safe change and expansion of loads, and a dedicated front access cable chute, operational procedures can be safely conducted with ease. By minimizing access to live parts to avoid jeopardizing system operation during site work, overall system availability is improved.

### Distribution flexibility

*Where constant migration and change is the norm*

The NetSure Advanced Remote Distribution Cabinet supports up to 2000 A per cabinet. The A+B configuration setup in a single cabinet minimizes footprint by reducing the number of cabinets required. Optional emergency stop and a main input switch enhance site safety.

### Improved reliability

*Prevents unplanned load build-ups and potential overloads*

Our advanced NetSure Control Unit (NCU) with optional Intelligent Load Management is integrated into the main DC power cabinet. With this function, the controller enables individual current measurement of each circuit breaker for early warning of potential overload and prevention of load build-up. DC fuse/circuit breaker current measurement is monitored and reported in relation to pre-defined threshold values. Rack load measurement and site energy consumption mapping warn of load distribution inefficiencies and possible hotspots. Local monitoring of voltage and current through digital meters on the distribution cabinet can be used to audit both system and site performance.

### Application

The NetSure Series Advanced Remote Distribution Cabinet is ideal for large telecom central offices and data centers operating DC loads. It is especially well suited for deployment in core environments that undergo rapid change, where load characteristics fluctuate over time, or when frequent load adjustments are required on live systems carrying payload. If small footprint counts and continuous monitoring of individual loads is required to prevent system overload, this is the remote distribution cabinet to deploy.

## Technical Specifications

### DC OUTPUT

Adjustable Range	Nominal: -48 VDC
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### DC SYSTEM UNITS

Distribution Units	Bullet type circuit breakers, cartridge fuses
Circuit Breakers	From 1 A up to 200 A
Fuses	From 2 A up to 100 A, 22 x 58mm
Intelligent Load Management	Optional, equipment for all distribution units

### PHYSICAL CHARACTERISTICS

Cabling Options	Top or bottom
Dimensions (H x W x D)	2020 mm x 600 mm x 400 mm
Weight	180 kg per cabinet (fully equipped)
Access and Security	Front access, IP20, door with lock is standard

### ENVIRONMENTAL

Temperature Range, Operating	-5 °C to +40 °C (full power up to +40 °C)
Relative Humidity, Operating	<90%
Altitude	2000 m

### SAFETY AND STANDARDS COMPLIANCE

Electrical	CE EN60950-1
EMC	EN 300 386-2, Class B
Environmental	REACH, RoHS 6

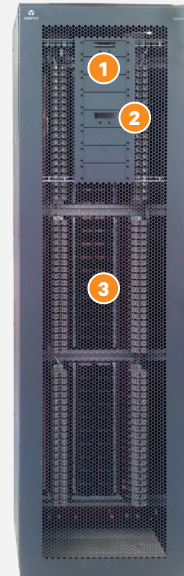
### SYSTEM CONFIGURATION

System A	1000 A or 2000 A
System A+B	500 A + 500 A or 1000 A + 1000 A
System A+B+C+D+E+F	6 units 500 A each (System maximum 2000 A)

## Ordering Information

PART NUMBER	DESCRIPTION
BMK220A06	NetSure™ Advanced Remote Distribution Cabinet, available in different configurations

## DISTRIBUTION CABINET



- 1 Load Distribution Panel
- 2 Digital Meter (option)
- 3 Circuit Breaker / Distribution Fuses