



NetSmart™

DC Power System
for Telecom Power

INTEGRATED
POWER
MANAGEMENT
SYSTEM (IPMS)



Enabling Tomorrow's
**CRITICAL EDGE
INFRASTRUCTURE**



We helped some of the largest names in the industry bring new capacity online faster and at a lower cost when search and social media increased demand for storage and computing.



We were the first to introduce an integrated enclosure system to distributed networks.



Our portfolio spans power, thermal and infrastructure management products, software and solutions.

Protecting your critical technologies takes more than just great software and equipment. It takes a level of experience that only comes from years of finding solutions when the industry needed them most. We were the first to protect mainframes with precision cooling systems.



And now as challenges and demands grow, we continue to find better ways to help you strengthen your most vital applications. Formerly the Network Power business of Vertiv, we've brought together the most trusted and experienced names in critical infrastructure.



Complemented by a network of nearly 250 service centers worldwide. It's a combination of experience and resources that allow us to better adapt to what's needed, anticipate what's next and continue to find solutions in ways other companies simply can't.



NetSmart™ INTEGRATED POWER MANAGEMENT SYSTEM (IPMS)



FEATURES

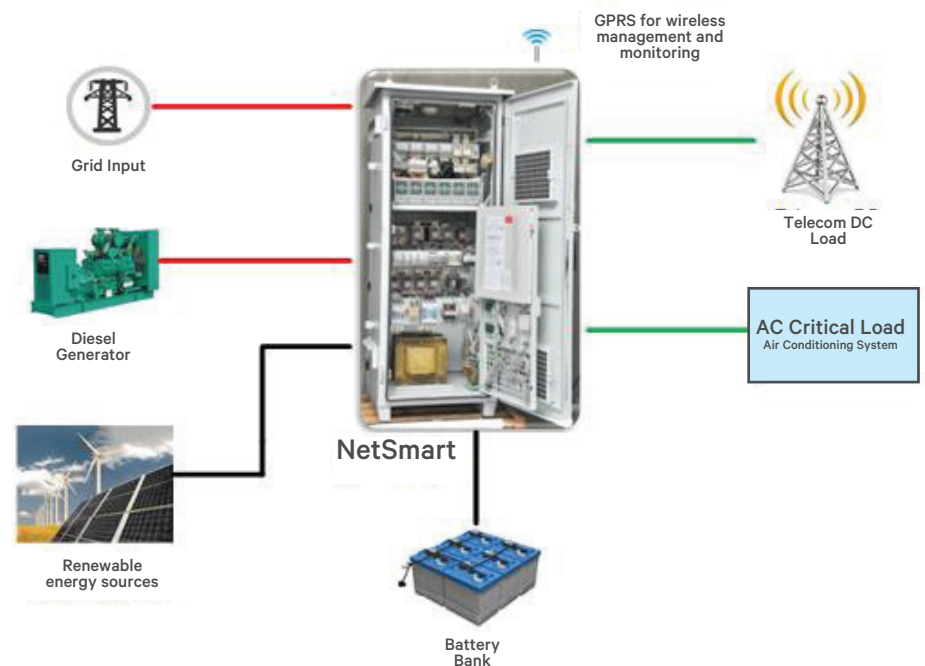
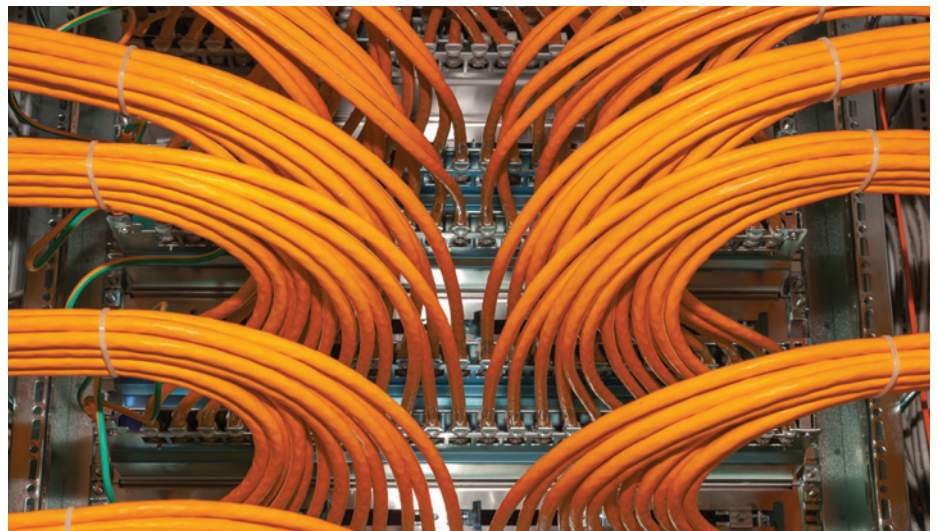
- The IPMS is easy to install, use and maintain
- High speed Micro Controller system
- User configurable menu for customized configuration.
- Wide AC input voltage range of 90 to 280V
- Alarm install for extension & diagnostic
- Enabling automatic DG start & stop/Operation IPMS Panel installed.
- Enhanced Capability to display 400 historical alarms
- Provides RS 232 interface connectivity for remote monitoring.
- RS 485 bus for inter-site data polling from various devices
- Fuel Optimization Logic for saving precious DG fuel
- Modular Design which enables easy replacement of sub modules at site
- True RMS display of Voltage, Current, frequency KW hr of EB and DG
- DG interlocks for safe operation DG
- Highly accurate real time DG fuel monitoring (optional)

ACCESSORIES

- Utility Socket
- DC operated service light
- Aircon Connectivity MCB
- Alarm Expander
- Smoke alarm
- Fan fail Alarm
- Door open Alarm
- Hooter

Benefits

Vertiv's IPMS has been created specifically for Telecom power equipments. It intelligently co-ordinates between available energy sources (grid, battery, DG) for keeping telecom loads in powered mode round the clock. The EMU is efficiently designed to provide a complete solution for serving a varied range of requirements of customers. The enclosures, which are exclusively designed for out-door applications, are customized to click-fit with customer requirements, with a careful eye on efficient 'space management'. The capacity of the system, as well as SVR used in the system, generally determines the matter of space management within such enclosures.



SERVICE TYPE

- Indoor Unit
- Outdoor Unit

NetSmart™ INTEGRATED POWER MANAGEMENT SYSTEM (IPMS)



FEATURES

- IP-21 Cabinet
- Material: GI Sheet, Powder coated
- Multiple energy solutions: grid, battery, DG
- Monitoring of consumption from available sources
- Intelligently co-ordinate with Diesel Generator
- Battery health management
- Single phase and low line voltage operation to limit operation on battery - improves battery life
- Phase selection logic - operation on 3 phase, 2 phase & 1 phase
- Auto mains failure logic
- Efficient space management
- Multiple alarms

CONTROLLERS

- AMF Controller
- DC Controller
- SVR Controller (Optional)
- Phase selection

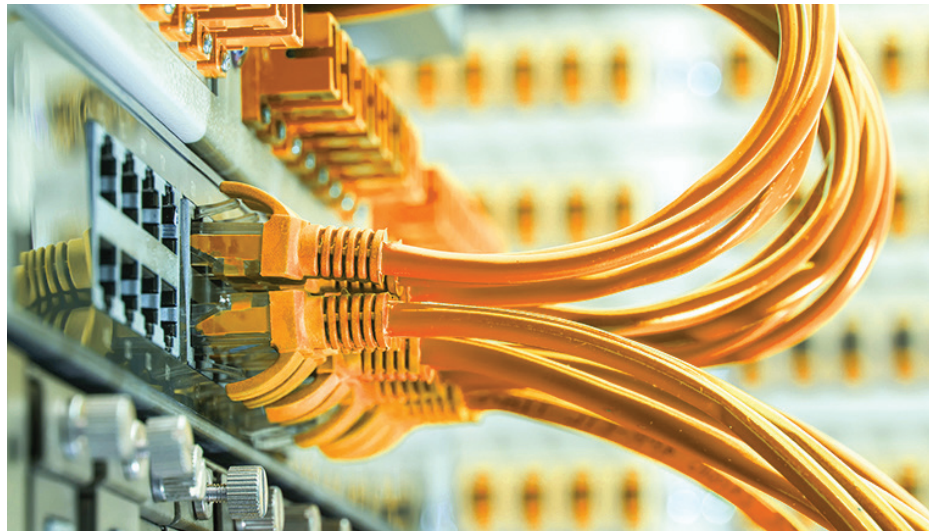
EQUIPMENT SPACE PROVISION

- DCPS (Customized based on requirement)
- Battery bank
- Usable Space for storage

ACCESSORIES

- Utility output
- Smoke detector
- Door open Alarm
- Aviation Lamp
- Aircon connectivity MCB

IPMS Indoor Solution



FEATURES

- IP-55 Cabinet
- Material : GI Sheet, Powder coated
- Suitably designed according to load bearing capacity
- Provided with lifting & Grouting arrangement
- Roof tapering in order to prevent water accumulation
- Front - Double door & are ventilated with fan filter arrangement
- Locking arrangement provided
- Cable glands, IP65 for cable routing
- Provided with arrangements for Earthing

CONTROLLERS

- AMF Controller
- DC Controller
- SVR Controller (Optional)
- Phase selection

EQUIPMENT SPACE PROVISION

- DCPS (Customized based on requirement)
- Battery bank
- Usable Space for storage

ACCESSORIES

- Utility output
- Smoke detector with 24V DC
- Door open Alarm
- Fan On-Off switch
- DC operated light

IPMS ODU Solution





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