Gemini PSU Power Supply System is a 2U, 15kW Open Compute Rack Power Supply, it provides Dual Redundancy with Dual AC Input and N+N PSU configuration. The system includes the Shelf, the Shelf integrates RMC, Automatic Transfer Switch (ATS) and 6 PSU modules.

The integrated ATS module enables Flexible Power configuration and System Redundancy such as Dual input 9kW 3+3 and Dual input 15kW 5+1 PSU Modules.

The integrated RMC module allows direct interfacing with PSU Modules, Rack Sensors, Fan Control, BBS Control and Host Interface.

The PSU Module can be configured to operate in programmable Constant-Current Mode for Utility Peak Shaving feature with the BBS Shelf and RMC controller.

The Power shelf will operate in stand-alone mode during RMC failure or temporary loss of communication.

Power Supply Shelf / 2OU

OCGPS6W-X



- 3ø 5-Wire 380-415Vac and 380Vdc HVDC compatible
- 15kW N+1 6 x 3kW
- Max shelf 6x3kW @ 15kW 5+1
- Efficiency: 94%
- OCP compatible
- Height 2OU
- 3 IEC AC output power feeds
- Hot Swappable
- Integrated RMC & ATS Modules

Power Supply Unit

OCSPM3



- 12.5Vdc Main Output
- Voltage Regulation: +/- 3%
- 12Vdc Standby Auxiliary Output.
- > 12ms Hold-up Time
- Load Sharing Un-Balanced error: +/-5%
- Power : 1U x 3U 3000W
- Efficiency: 94%
- High density design: 26 W/in3
- Small/Slim form factor: 125 x 39 x 405 mm
- I²C communication interface for control, programming and monitoring with PMBus™
- Programmable Constant-Current Peak Shaving with RMC controller

132 Fairgrounds Road West Kingston,
RI 02892 USA
Phone: +800-800-4272
www.schneider-electric.com

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