

-54.5V/175A Power Cabinet Power Shelf (Indoor)

PRODUCT FEATURES:

- **Modular Design for Accommodating High Power Applications and Easy Maintenance**
- **Hot Pluggable**
- **N+2 Redundancy**
- **Low Voltage Disconnect for the Battery Protection**
- **External Battery Connection for Providing Extended DC Power Backup**
- **The System can be Controlled, Measured and Reported by Ethernet (SNMP)**



GENERAL SPECIFICATIONS:

INPUT

Voltage	1Ø3W 220VAC(90VAC ~ 290VAC)
Range	90 VAC ~ 290 VAC
Frequency	45Hz ~ 65Hz
Power Factor	≥ Typically 98%
Efficiency	≥ Typically 90%

OUTPUT

Voltage	Default -54.5VDC
Range	-40VDC ~ -60VDC
Current	35A /module, 175Amax.(5module)
Ripple & Noise	≤ 100mVp-p(0Hz~10MHz)

PROTECTION:

- Input Under | Over Voltage
- Output High Voltage
- Output Current Limit
- Output Short Circuit
- Thermal Shutdown
- Battery Thermal Compensation
- Low Voltage Disconnect

PHYSICAL DIMENSIONS (WxDxH):

MODULE (mm)	85 x 405.5 x 122.5
SHELF (mm)	482.6 x 450 x 265.9

ENVIRONMENT:

OPERATION

Temperature	-10°C ~ +55°C
Relative Humidity	10% ~ 95%

NON-OPERATION

Ambient Temperature	-40°C ~ +80°C
Relative Humidity	5% ~ 95% (condensing)

AGENCY COMPLIANCES:

- Standard – FCC Part15 Subpart B, Class A
- Lightning Surge : ANSI/IEEE C62.41
- Electrostatic Discharge (ESD) : EN61000-4-2



System Applied Products -54.5V/35A VPRM5435 Power Module

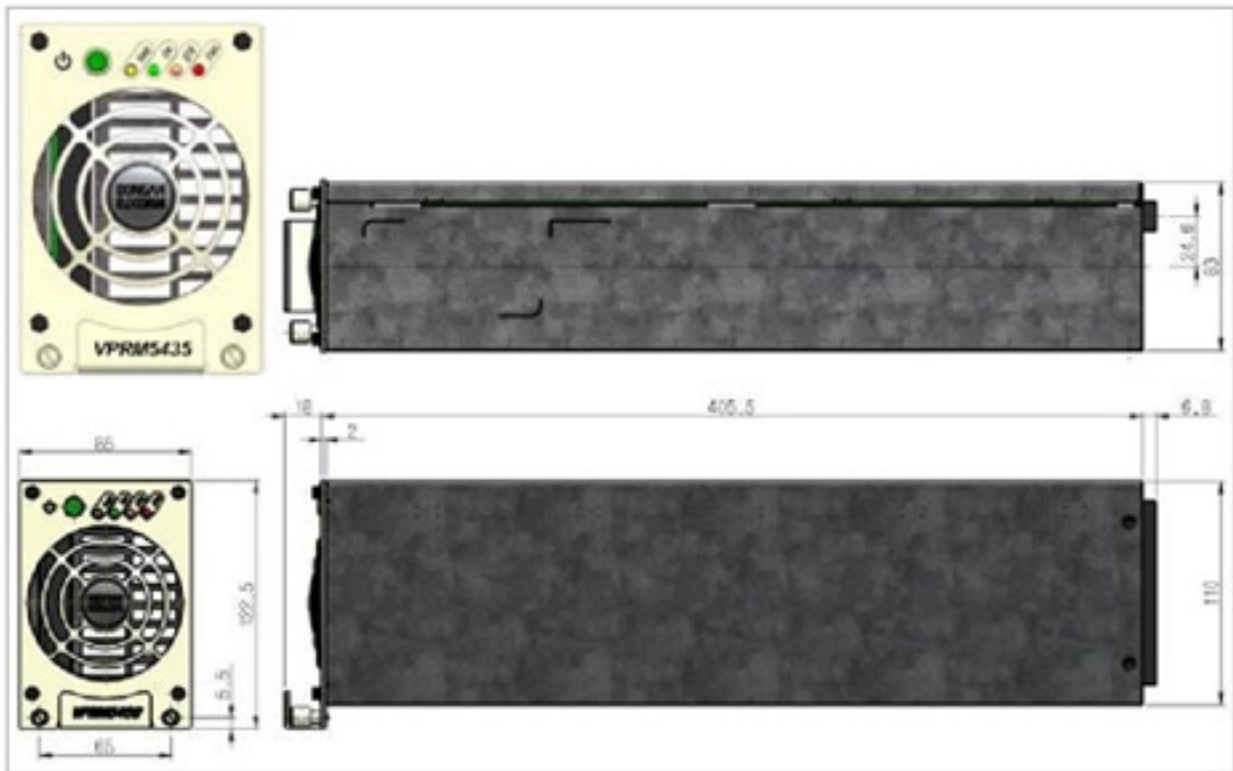
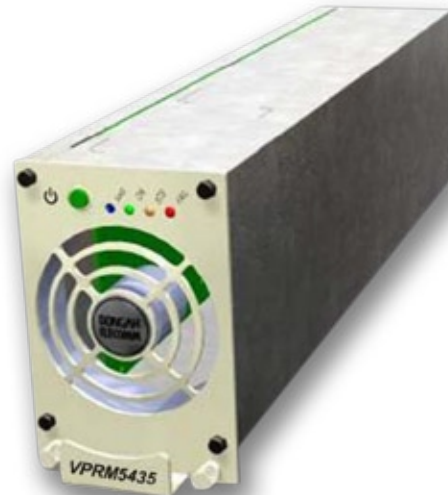
GENERAL SPECIFICATIONS:

INPUT

Voltage	10220VAC
Frequency	50/60Hz
Power Factor	≥ Typically 98%
Efficiency	≥ Typically 90%

OUTPUT

Voltage	Default -54.5VDC
Current	35A max.
Load/Line Regulation	≤ ± 0.5%



System Applied Products *VPRS-4175E Rectifier Shelf*

