

-54.5V/30A Power Cabinet Power Shelf (Indoor)

PRODUCT FEATURES:

- **Modular Design for Accommodating High Power Applications and Easy Maintenance**
- **Hot Pluggable**
- **N+1 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	15A /module, 30Amax.(2module)
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)	65 x 331 x 130
SHELF (mm)	482.6 x 380 x 132.5

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 -54.0V/15A VPRM-5415 Power Module

GENERAL SPECIFICATIONS:

INPUT

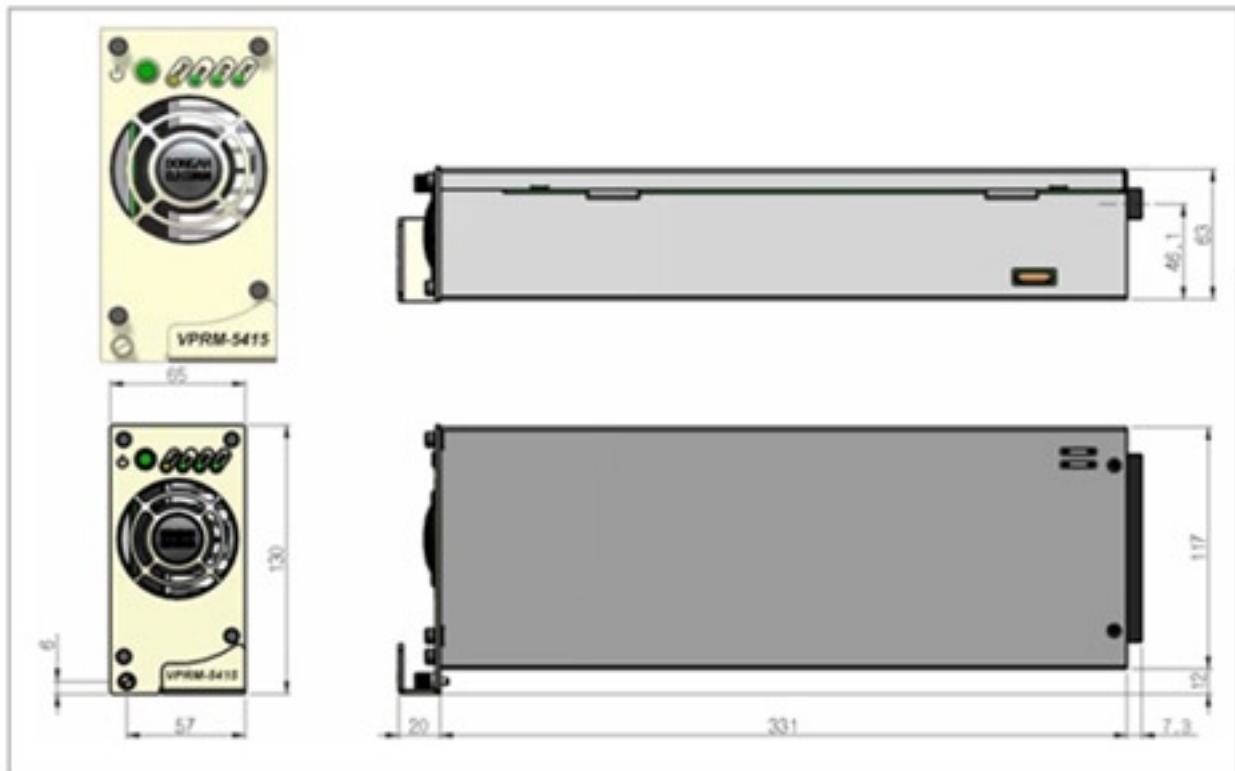
Voltage	10220VAC
Frequency	50/60Hz
Power Factor	≥ Typically 98%
Efficiency	≥ Typically 90%

OUTPUT

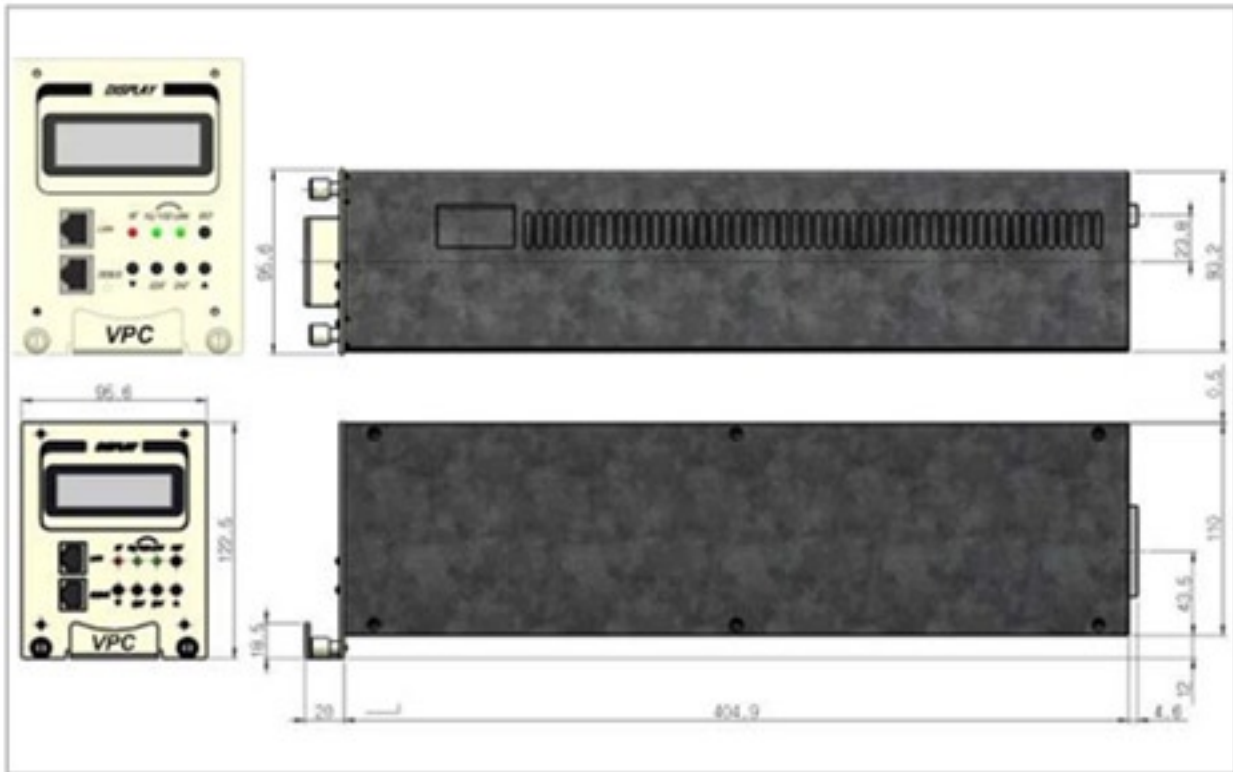
Voltage	Default -54.5VDC
Current	15A max.
Load/Line Regulation	≤ ± 1.0%



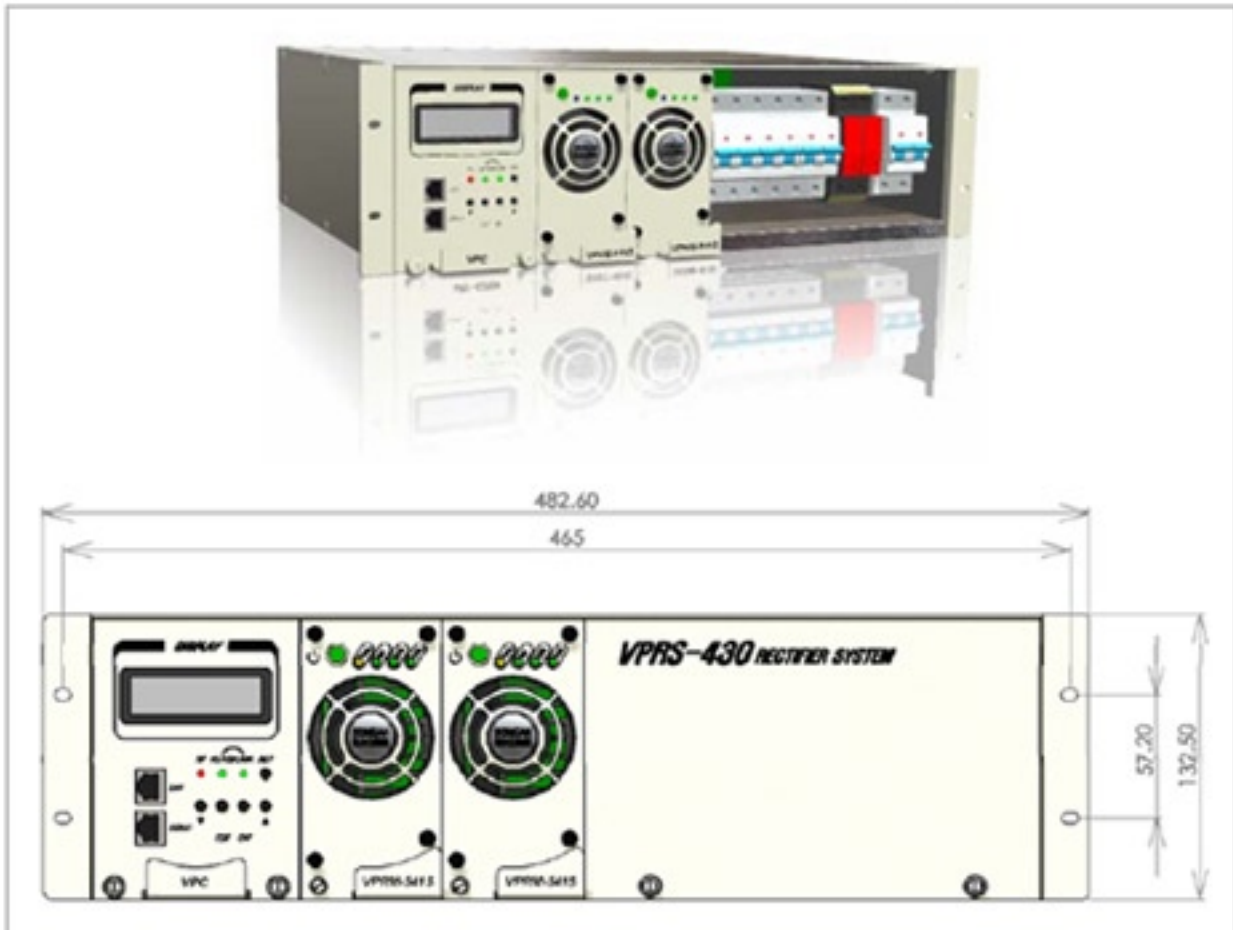
ITE / EMBEDDED POWER SUPPLY



System Applied Products VPC Control Module



System Applied Products VPRS-430 Rectifier Shelf



ITE / EMBEDDED POWER SUPPLY

