



REV: 06242011

ITE / EMBEDDED POWER SUPPLY

## PRODUCT FEATURES:

- 1RU Height, 19" 3KW Power Shelf
- 54VDC Output, 55.5A (3 x 18.5 Rectifier Modules)
- Easy Installation; Wiring for AC and DC
- Control Module for Monitoring, Alarms
- Remote Access via Ethernet (TCP/IP)
- SNMP Interface
- RS-232 Serial Interface
- Meets FCC & EN Conducted EMI, Class B
- International Safety Approvals



## INPUT SPECIFICATIONS:

VOLTAGE	AC Input 1Ø 3 wire 220VAC
FREQUENCY	47~63 Hz
INRUSH	20A @ 230VAC Full Load (Max Cold Start) per Module
CURRENT	7.5A @ 230VAC (Max Continuous) per Module
PROTECTION	25A Fuse / 250V Rated per module
LEAKAGE	3.5mA @ 264VAC Max per Module
EFFICIENCY	92% Typical @ 230VAC Full Load (54Vout)
HARMONICS	EN61000-3-2 Class D Compliant (>0.98PF)

## OUTPUT SPECIFICATIONS:

OUTPUT VOLTAGE	54V
OUTPUT CURRENT	18.5A per Module
OUTPUT ADJUSTMENT	46V ~ 58VDC
LINE REGULATION	0.5%
LOAD REGULATION	0.5%
RIPPLE	1%
SETPOINT ACCURACY	0.5%
OVER-CURRENT	115% ~ 135% Auto Recovery
OV PROTECTION	59VDC Recycle Input to Reset

## STATUS & CONTROL SPECIFICATIONS:

See Users Manual

## GENERAL SPECIFICATIONS:

OPERATING TEMPERATURE	-20°C to +65°C
STORAGE TEMPERATURE	-40°C to +85°C
OPERATING HUMIDITY	10% ~ 95% (non-condensing)
STORAGE HUMIDITY	5% ~ 95% (non-condensing)
COOLING	Intelligent Fan Cooled Rectifier Modules
VIBRATION	10-55Hz, 2G, 3Min Period, 60 min each (3 axes)
SHOCK	20G Peak Acceleration
RELIABILITY	>100K Hours (per MIL STD 217F)
SIZE (INCHES)	19" x 14.14" x 1.73" (W x L x H)

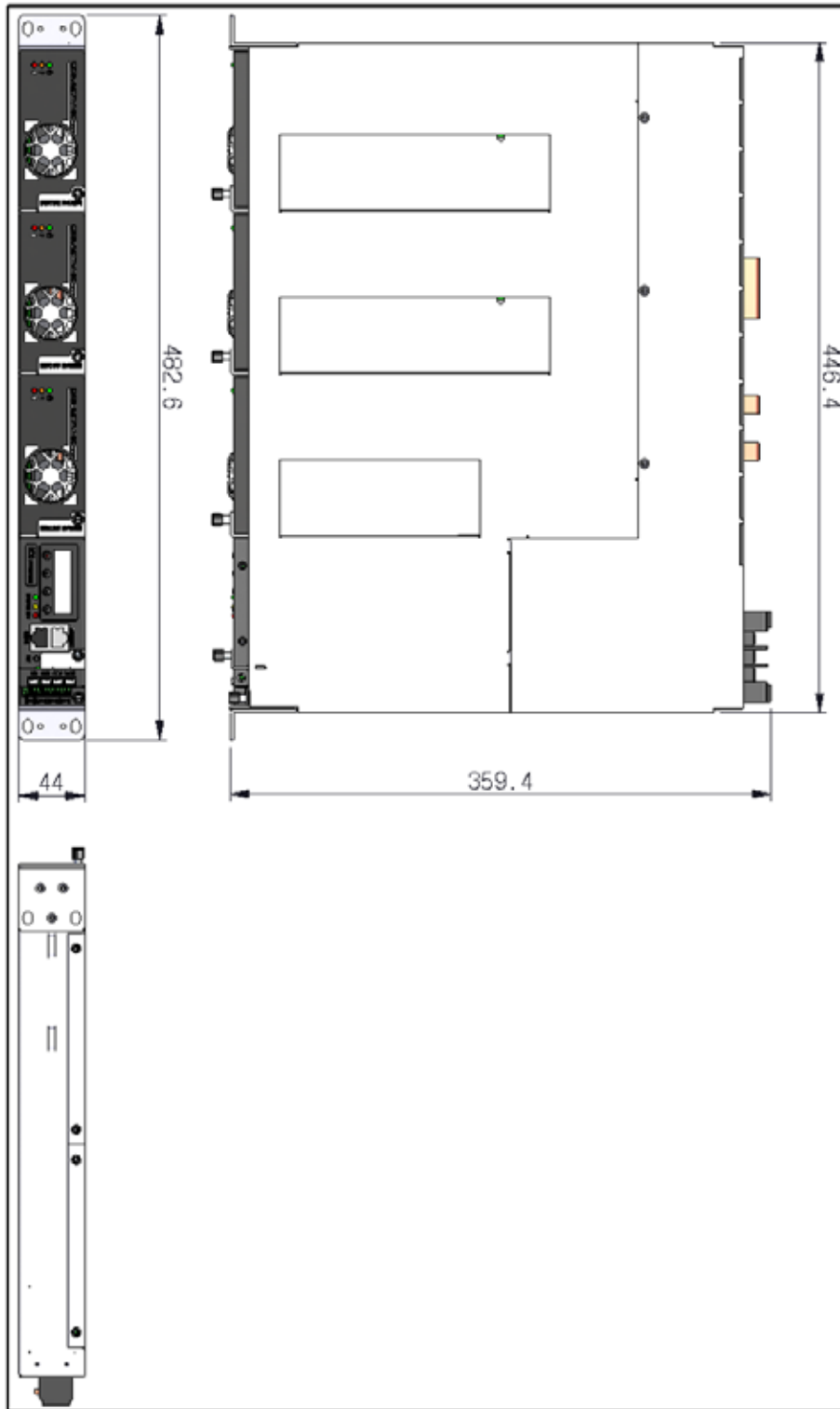
## EMISSIONS:

EMISSIONS	EN55022 Level A (Conducted)
ELECTROSTATIC DISCHARGE	EN61000-4-2, 4KV Contact / 8KV Air
RADIATED SUSCEPTIBILITY	EN61000-4-3, 26MHz-2000MHZ, 10V/m, 80%AM
EFT / BURSTS	EN61000-4-4, 2KV
SURGES	EN61000-4-5, 2KV Earth, 1KV Line-Line
CONDUCTED IMMUNITY	EN61000-4-6, 150KHz-80MHz, 10Vrms, 80%AM
VOLTAGE DIPS	EN61000-4-10, 95% Dip, 10ms / 30% Dip, 500ms
VOLTAGE INTERRUPTIONS	EN61000-4-11, 95% Reduction, 5ms
FLUCTUATIONS & FLICKER	EN61000-3-3

## SAFETY STANDARDS:

UL / CUL	60950-1
CE MARK	Low Voltage Directive

OUTLINE DRAWING:



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