

DSPS-6K (2KW MODULE) DSPS-9K (3KW MODULE)

the
POWER
you need

Power Shelf & Rack

REV: 03052015

2U HE RECTIFIERS

PRODUCT FEATURES:

- Hot pluggable
- n+1 Redundancy
- Automatic battery charging
- Controlled, measured and reported by RS 485 or 422, TCP/IP, Web Browser
- Modular design for accommodating high power applications
- Low voltage disconnect for the battery protection (BLVD)



INPUT SPECIFICATIONS:

VOLTAGE	1P3W 220VAC or 3P4W 380VAC $\pm 20\%$ (Nominal)
FREQUENCY	45-66Hz
PROTECTION	Under & Over voltage
EFFICIENCY	96% Typical

OUTPUT SPECIFICATIONS:

OUTPUT VOLTAGE	Default -54.0VDC
OUTPUT CURRENT	6KWatt Max (2KW x 3 modules)
ADJUSTMENT RANGE	-42VDC ~ -58VDC
LINE REGULATION	$\pm 0.5\%$ Max
LOAD REGULATION	$\pm 0.5\%$ Max
TEMP REGULATION	$\pm 0.5\%$ Max
NOISE	$\leq 250\text{mVp-p}$
SETPOINT ACCURACY	$\pm 0.5\%$
OVER CURRENT	101~120%
PROTECTION	-59VDC over Thermal Shutdown Battery Temp. Compensation

STATUS & CONTROL SIGNAL:

COMMUNICATION INTERFACE	RS232, RS485, TCP/IP Dry Contacts Alarm
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GENERAL SPECIFICATIONS:

OPERATING TEMP	-40°C ~ +75°C, (Derating above +55°C)
STORAGE TEMP	-40°C ~ +85°C
OPERATING HUMIDITY	5% ~ 95% (Non-Condensing)
STORAGE HUMIDITY	5% ~ 95% (Non-Condensing)
COOLING	Fan cooling
ALTITUDE	0~10,000 Feet
SIZE (WxDxH)	446mm x 408mm x 89mm (Shelf)

ELECTROMAGNETIC COMPATIBILITY:

EMISSIONS	EN55022 Level A (Conducted)
ELECTROSTATIC DISCHARGE	EN61000-4-2, 4KV Contact / 8KV Air
RADIATED SUSCEPTIBILITY	EN61000-4-3, 26-1000MHz, 10V/M, 80%AM
EFT/BURSTS	EN61000-4-4, 2KV
SURGE	EN61000-4-5
CONDUCTED IMMUNITY	EN61000-4-6, 0.15-800MHz, 10V 80%
VOLTAGE DIPS	EN61000-4-10, 95% Dip&10ms, 30% Dip&500ms
VOLTAGE INTERRUPTIONS	EN61000-4-11, 95% reduction, 5ms
FLUCTUATIONS & FLICKER	EN61000-3-3

STANDARDS & APPROVALS:

UL/CUL	60950-1
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