

Outdoor Power Cabinet with Battery Shelf -54VDC / 60A Output

LORS-460

Product Features:

- Outdoor Rectifier system
- Modular design for accommodating high power applications and easy maintenance
- N+1 Redundancy
- Low voltage Battery disconnection



Input Specifications:

VOLTAGE	1 ϕ 220VAC (\pm 20%)
FREQUENCY	47-63Hz
INRUSH	30A @ 220VAC(Max Cold Start) per Module
CURRENT	4.1A @ 220VAC(Max Continuous) per Module
PROTECTION	Double pole 10A Fuse / 250VAC per Module
LEAKAGE	3.5mA Max @ 220VAC per Module
EFFICIENCY	87% Typical
PROTECTION	Input Under voltage, Overvoltage

General Specifications:

OPERATING TEMP	-30 $^{\circ}$ C to +50 $^{\circ}$ C
STORAGE TEMP	-40 $^{\circ}$ C to +75 $^{\circ}$ C
OPERATING HUMIDITY	5% to 90% (Non-Condensing)
STORAGE HUMIDITY	5% to 95% (Non-Condensing)
COOLING	Fan cooling
RELIABILITY	100,000 Hrs MTBF
SIZE(W \times D \times H)	550 \times 562 \times 1200mm

Output Specifications:

Vout	-54.0VDC
Iout	60Amax
ADJUSTMENT RANGE	-47VDC \sim -57VDC
LINE REGULATION	\pm 1.0% Max over entire input range
LOAD REGULATION	\pm 1.0% Maximum
RIPPLE	\leq 250mVp-p(10Hz \sim 14MHz)
OVER CURRENT	105 \sim 130%
OVER VOLTAGE	-59.5VDC \pm 0.5V
PROTECTION	Thermal Shutdown Battery Temp. Compensation

Electromagnetic Compatibility:

ELECTROSTATIC	KN24/IEC 61000-4-2
EFT/BURSTS	KN24/IEC 61000-4-4
SURGE	KN24/IEC 61000-4-5
VOLTAGE DIPS	KN24/IEC 61000-4-11
VOLTAGE INTERRUPTIONS	KN24/IEC 61000-4-11

Status & Control signals:

DC OK	High Signal indicates DC Output is on and within regulation
INTERFACE	Dry Contact(2Ports) : Normal Open

Status & Control signals:

KC	KN22/24
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