

LORK-4150

Outdoor Power Cabinet with Battery Shelf
-54VDC / 150A Output

Product Features:

- Standalone
- Battery Charger and Monitor
- Low Voltage Disconnect for battery protection
- Full Featured Status and Alarm
- HMS Cooling (Heat Management System)
- Rectifier LORM-5450 Rectifier module



Input Specifications:

VOLTAGE	1Ø220VAC or 3Ø4w 380VAC
FREQUENCY	47-63Hz
INRUSH	50A @ 220VAC(Max Cold Start) per Module
CURRENT	13.6A @ 220VAC(Max Continuous) per Module
PROTECTION	Double pole 25A Fuse / 250VAC per Module
LEAKAGE	3.5mA Max @ 264VAC per Module
EFFICIENCY	89% Typical per Module
PROTECTION	Input Under voltage, Overvoltage

General Specifications:

OPERATING TEMP	-33 °C to +50 °C
STORAGE TEMP	-50 °C to +85 °C
OPERATING HUMIDITY	10% to 90% (non-Condensing)
STORAGE HUMIDITY	5% to 95% (non-Condensing)
COOLING	Heat Exchanger
RELIABILITY	100,000 Hrs MTBF
SIZE(W×D×H)	800x994x1620 mm

Output Specifications:

Vout	-54.0VDC / +27.0VDC
Iout	150Amax(-54V) +(40Amax(+27V))
ADJUSTMENT RANGE	-47VDC~-57VDC
LINE REGULATION	±1% Max over entire input range
LOAD REGULATION	±1% Maximum
RIPPLE	≤ 250mVp-p(10Hz~14MHz)
OVER CURRENT	105~130%
OVER VOLTAGE	-59.5VDC(±0.5VDC)
PROTECTION	Thermal Shutdown Battery Temp. Compensation

Electromagnetic Compatibility:

ELECTROSTATIC	IEC 61000-4-2
EFT/BURSTS	IEC 61000-4-4
SURGE	IEC 61000-4-5
VOLTAGE DIPS	IEC 61000-4-11
VOLTAGE INTERRUPTIONS	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 UDP(Ethernet)

