

LightSaber Optics LSO-27UOD-850800-AC1500W

27RU 850mm Wide x 800mm Deep Outdoor Cabinet with AC 1500W (5K-Btu)Air conditioner IP55 Rated|Grey

Outdoor Telecommunication Cabinet with Air Conditioner (sandwich panel double-wall structure design) is mainly used for wireless communications to house a variety of batteries and equipment, including the new generation of 5G systems, LTE networks, communication networks/network integrated services, access/transmission switching station, emergency communication/transmission. It is designed for a variety of applications and can be tailored to fit your specific needs.

Air conditioner is installed on cabinet for keeping a stable temperature inside cabinet so as to increase service life and stability of battery and equipment. It provides a secure, thermally managed environment for backup battery systems for telecommunications and cable applications.

Features:

- Fully assembled.
- Sandwich structure for better cooling efficiency.
- 27U equipment space plus 2 sections of battery storage space (13in Height of each space).
- 4-point locking system.
- Reversible adjustable 19inch or 23inch equipment rail, with cable rings included (default configuration:19inch).
- Front door and rear door opening access.
- Wind stop bracket to hold the doors when opening.
- 150mm Height Plinth (includes mounting hardware).
- Copper grounding bar.
- Cabinet made for low thermal conductivity and fireproof heat insulation material.
- AC110V 60Hz 1500W(5118 BTU) Air conditioner.
- Document box at the rear door for store the equipment manual or useful document.
- Cable entry holes with grommet on the bottom.
- Wind-proof, sand-proof, rain-proof, sun-proof and anti-theft, protection level IP55.

Also Includes:

- 1x DC48V emergency fan (with temperature controller).
- 2x DC48V LED lights (Front and rear top).
- 2x Front Door alarm sensors and 2 x rear door alarm sensors (1 sensor is connecting to the DC48V LED light, the light will be ON when the door opens and OFF when the door closed; 1 sensor is pre-configured with the EMS unit).
- 30 x M6 cagenut.
- 2 Keys.
- 1 Manua.

Application:

- Telecommunication
- Wireless/Broadband
- Base station
- Solar based installations
- Wireless cell sites & switches
- Transmission terminals
- Data and Control
- Transportation



Specifications

Structure

Protection Class:	IP55
Rack Unit Size:	27U
Battery Space:	12.83 inches (2 Sections)
Cabinet Type:	Floor standing Integrated Outdoor Cabinet w/ Air conditioner
Color:	Grey RAL7035
Material:	Powder Coated Galvanized Steel
Unit Dimension (HxWxD):	33.46 x 31.50 x 92.52 inches (without extruded rain Hood Dims)
Unit Weight(lbs):	566.43
Internal Depth(Front Rail to Back Door):	24.72
Rail to Rail Depth:	23.81
Shipping Dimension (HxWxD):	37.01 x 43.31x 100.39 inches
Shipping Weight:	705.28

Electrical

Air Conditioner:	AC110V Cooling Capacity 1.5W (5118 Btu (refrigerant: R134a)
Fan:	ADC48V Cooling Emergency Fans x 1 (with temperature controller)
Grounding:	Earthing Copper Bar, Grounding Wires
Door Alarm:	Front and rear door alarms
Lights:	DC48V LED Lights (2)

Certifications

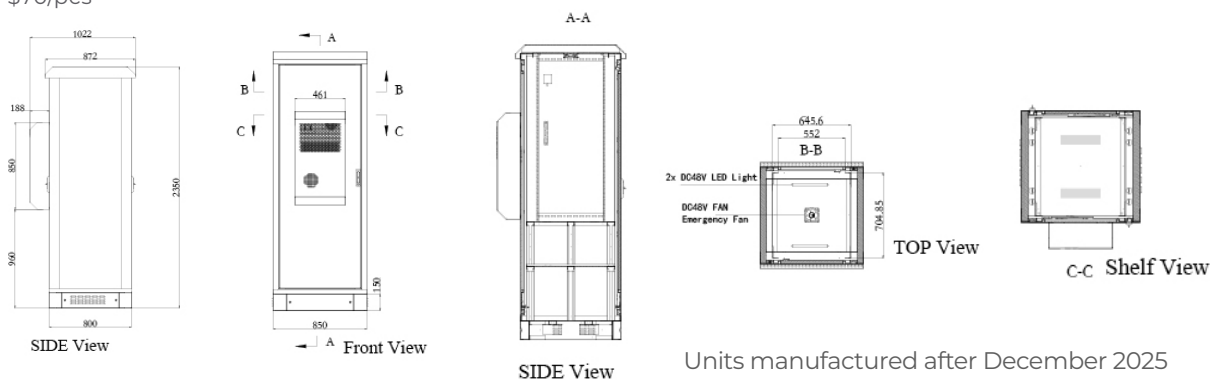
Safety:	CE
Approvals:	DIN41491, DIN41494, EIA/ECA-310-E, IEC 60297-3-100, RoHS

Warranty

Product Warranty:	1-year
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HVAC refrigerant R134A switching to R513A. Revised R513A Refrigerant Costs-(The outdoor telecom cabinet area is directly affected by the EPA's high-GWP refrigerant ban. The industry has proactively shifted, and new cabinets are now almost exclusively using lower-GWP alternatives like R-513A and R-454B. For network operators, the focus is now on managing the transition for their vast installed base of legacy equipment through retrofits, strategic replacements, and preparing

- MINI type 300W/400W: \$45/pcs
- 1000W/1500W: \$70/pcs
- 3000W: \$115/pc



Units manufactured after December 2025