

Outdoor Equipment Cabinet OSPK-A30L

OSPK-A30L is an outdoor equipment cabinet for a wireless site. The equipment space is cooled by 2000W and the battery space is cooled by 300W Air Conditioner.

Cabinet is designed according to high grade dustproof and waterproof standard. Standard configuration: two pairs of supporting rails, door open sensor and emergency light. The main equipment space is up to 21U. Compact cabinet structure, floor installation, support lifting and intelligent temperature control system.



Outdoor Equipment Cabinet for Wireless Site Use

OSPK-A30L

Key Features:

- § High protection level: IP55
- § Cooling design: heat ventilation design, efficiently expels the heat in battery and equipment chambers
- § Provides enough space for 5G expansion
- § Compact structure and full front access for easy, flexible installation & maintenance
- § Standardized enclosure platform with predefined accessories and options
- § The cabinet body uses the high performance SGCC, the anti-corrosion ability is strong
- § Strong anti-theft design: door embedded, hinge hidden, 4-point lock, door sensor, supporting padlock
- § Adheres to international standards

Applications:

- § Outdoor wireless site, accessing to 5G in future
- § Outdoor enterprise communication network

TECHNICAL SPECIFICATION		
OSPK-A30L		
Enclosure	Dimensions	2000 x 700 x 700 mm (H x W x D) including base
	Enclosure material	SGCC
	Enclosure body	Gray white RAL7035
	Protective performance	IP55
	Roof	Slanting
	Equipment space rack	19" for customer equipment
	Rack height (total)	21U
	Battery space	2-layer battery rack, or lithium battery rack (optional)
	Door locking	4 points lock, key insert with lock cover
	Emergency light	Service light 3 W / 48 VDC
	Corrosion resistance	ISO 21207 method B 3x week
	Weight	≤170 kg
	Lifting	Lifting points on the top of the sides Lifting holes on the basement
Mounting	Ground	
AC Distribution	Input	Single Phase: 200 to 250VAC Max 95A 2-Phase: 200/120 to 220/127VAC Max 95A 3-Phase: 346/200 to 433/250VAC Max 32A
	Surge Protection	Class C
	Configurable components	Main switch / circuit breaker, service outlet / RCD, connection for generator
Thermal System	Equipment cabin	DC 2000W Air Con
	Battery cabin	DC 300W Air Con
Environmental	Ambient temperature	-40°C to +55°C
	Transport & Storage temp.	-40°C to +70°C
	Operating humidity	5%-95% (non-condensing)
	Protection	IP55 (IEC/EN 60529), Water spray test (IEC/EN 60950-22 annex B)
	Protection level	Class III
	Pollution degree	level 2 and material level 3
	Altitude	0-2000m
Audible Noise	Meets GR487, noise ≤65 dBA at 1.5 m	
Standards	CB	IEC/EN 62368-1 (2 nd edition), IEC/EN 60950-22
	EMC	ETSI EN 300 386
	CE	LVD Directive 2014/35/EU EMC Directive 2014/30/EU RoHS Directive 2011/65/EU WEEE Directive 2012/19/EU

SPSE-4830 (Power system)		
System	Dimensions	482 x 450 x 222 mm (5U) (W x D x H)
	Operating Temp.	-40 to +75°C
	Storage Temp.	-40 to +75°C
	Rectifier	48 V / 50 A*6(300 A)
	Monitoring	LCD / RS485
	Weight	Approx. 20kg excl. rectifiers
AC Input	AC Voltage	80 VAC to 300 VAC
	Frequency	45 to 65 Hz
	Input Protection	Soft start Surge protection
DC Output	DC Voltage	-53.5 VDC
	Maximum Current	Max. 300 A
	Load Breakers	Priority: MAX 8pcs (18 mm wide) or MAX 5pcs (27 mm wide)
		LVL1: MAX 8pcs (18 mm wide) or MAX 5pcs (27 mm wide)
		LVL2: MAX 8pcs (18 mm wide) or MAX 5pcs (27 mm wide)
	Battery Fuses	MAX 4pcs (2pcs optional), the rating of load MCB is 125 A
Efficiency	≥96%	
Standards	CB	IEC/EN 62368-1 (2 nd edition), IEC/EN 60950-22
	EMC	ETSI EN 300 386

COMPATIBLE PRODUCTS

Lithium-Ion Battery

Model: IBUK-48/100

