APM5930 Outdoor Cabinet Design for 5G

APM5930, BBC5200D/T, BBC5300D/T

Introduction

A outdoor site cabinet solution, it can be deployed fast and provide suitable environment. It can provide power, environment monitor, thermomorphic system and etc.. It is modular and high convergence design, easy to carry and install, energy-saving, smooth evolution and unified network management with telecom equipment.

APM5930 (AC)



APM5930 (DC)



BBC5200T/5300T



BBC5200D/5300D



Features

- High integration: support 5G, 7B5M(NR), Max 21 RF
- High reliability cooling devices
- High heat isolation performance lead to OPEX saving
- European standard lock and optional fence
- Fast deployment, 15 minutes by 2 persons
- Compact figure, easy land acquisition
- Easy land acquisition for its compact figure, knockdown type cabinet and Multiple energy input & output
- Intelligent O&M, overall system and environment monitoring
- Modular design, easy expansion and evolution
- High efficiency, high efficiency rectifier and advanced heat management design

Stacked install to save footprint



DBS5900 APM5930 (AC)

Scenarios

- Wireless outdoor site (2G/ 3G/ 4G /5G)
- Greenfield site, roof site and so on

Specifications

Product Type		APM5930(AC)	APM5930(DC)	BBC5200D/T, BBC5300D/T
System	Dim.(W × D × H)	600mm×480mm×1000mm(without base), The height of base is 200mm		5200: 600mm×480mm×700mm (without Base) 5300: 600mm×750mm×700mm (without Base)
	Weight	68kg (without telecom equipment)	52Kg (Without equipment)	5200D: 40Kg; 5200T: 45Kg 5300D: 45Kg; 5300T: 50Kg (Without battery)
	Installation Mode	Ground, Pole, Wall		Ground
	Cabling Mode	Up entre, down exit		
	Maintenance	Front		
	Panel Material	Aluminum cabinet		
	Security Lock	Europe		
	Working temperature	-40 ˚C to +55 ˚C (With solar radiation of 1120 W/m ²) If Below -20°C need add AC Heater		5200D, 5300D: -40 ˚C to +40 ˚C *If below-20°C need add AC Heater 5200T, 5300T : -20 ˚C to +50 ˚C (With solar radiation of 1120 W/m ²)
	Noise	ETS 300 753 4.1E(Urban Level)		5200D, 5300D: ETS 300 753 4.1E(Rural level) 5200T, 5300T: ETS 300 753 4.1E(Urban Level)
Equipment Cabin	User Space	5U (with 1 BBU)	9U (with 1 BBU)	/
	Protection Level	IP55		/
	Cooling Mode	Heat exchanger,–48 Vdc		/
	Cooling Capacity	2500W@50℃		/
Battery Cabin	Protect level	/	/	BBC5200D/5300D: IP34 BBC5200T/5300T: IP55
	Cooling mode	/	/	BBC5200D/5300D: direct ventilation; BBC5200T/5300T: TEC Air condition
Power System	Power model	EPU05A series	/	/
	Dimension	5U (Height)	/	/
	System capacity	16000W+4000W	/	/
	Input Mode	220/380 Vac Three Phases/220VAC Single Phase/110VAC dual-live-wire	/	/
	Rectifier Efficiency	R4875G1, max 4000W, 97%	/	/
	Rectifier Quantity	2 ~ 5 pcs	/	/
	DC distribution unit	PDU01D/PDU06D	DCDU15D	/
	DC Output SPD	10/20 kA, 8/20 μs		/
Others	Monitor management	Unified management with telecom equipment by M2000		

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