F01T300 Cabinet

Installation Scenarios

Concrete foundation or elevated platform

Highlights

Superb scalability	Supports extended modular design for space expansion, meeting service expansion requirements. Also, it supports Topbox or side-by-side cabinet installation for service configuration expansion, prolonging backup duration.
Simple evolution	Supports copper wires, fibers, and the hybrid configuration of copper wires and fibers to facilitate future network evolution.
High reliability	IP55 enclosed-type design effectively isolates external harmful dust or gases that may cause corrosion. Provides a maximum of 40 kA surge protection capability for more secure outdoor use.
Intelligent features	Supports monitoring on the cabinet and internal components by using the EMU and U2000; supports remote electronic door lock management to improve site security and reduce site maintenance costs.
Flexible power supply mode	Supports both remote power supply and AC power supply (DG interface reserved).
One-stop delivery	Integrates all components, such as the principal equipment, power supply system, MDF, ODF, and monitoring system, which are delivered in one-stop mode, eliminating the need for secondary integration at the site and making possible fast installation.
Li-ion batteries	Provides the mechanical and software-based antitheft function, and the life of the lithium battery is 2~3 times that of the ordinary lead-acid battery.

Product Parameters

Dimensions	1350 mm x 850 mm x 450 mm (H x W x D)
Storage battery capacity	One set of 50 Ah or 100 Ah storage batteries Two sets of 50 or 75 Ah Li-ion batteries
Maximum weight (without/with storage batteries)	185 kg/325 kg
Operating environment	-33°C to +45°C (solar radiation 1120 W/m²)
Noise standard	ETS300753 Class 4.1E rural level
Heat dissipation mode	Heat exchanger
Maximum heat dissipation capability	•1500 W/45°C + 1120 W/m² (with solar radiation) •1000 W/50°C + 1120 W/m² (with solar radiation)

Service Configuration

Configuration	**3 DC MA5616**	**1 DC MA5603T**
Users	12 x 64 POTS 10 x 64 VDSL2/ADSL2+ 12 x 48 (POTS + VDSL2) 12 x 32 (POTS + ADSL2+) 192 SuperVector Combo	**Optical fiber access** 6 x 16 PON **Copper line access** 6 x 64 POTS/VDSL2/ADSL2+ 6 x 64 (POTS + VDSL2) 6 x 48 (POTS + ADSL2+) 384 SuperVector + POTS **Copper-fiber hybrid access** Up to 96 PON
Configuration	**1 DC MA5800-X7**	
Users	7 x 16 PON 112 10G GPON	