



Depending on the application, different types of housing to install ULC-1000AN configurations are available:

**DC-powered 19” Standard Rack**

ULC-1000AN MSAN equipment shelf could be mounted in 19” standard rack (Indoor Cabinet) for indoor application. One 42U height rack could contain up to 8 equipment shelves (one main shelf + seven expansion shelves) for up to 1000 subscribers. Equip with DC power distribution panel, Fuse and Alarm panel.

**Indoor Cabinet**

**28U**



**42U**



## Outdoor Cabinet

Azmoon Keyfiat outdoor cabinets have various dimensions and different capacities and its components are as follows:

- Metallic cabinet frame with dimensions proportional to its capacity.
- MDF unit equipped to two kinds of terminal NC and NO with extended to 1:2 or more
- Place of battery (4x12v)
- Rectifier charger 48v that it feeds from single phase and it's switching type.
- 19 inch rack that it's used to fix sub rack systems
- ODF-OCDF for fusion place of fiber optic and for setup fiber optic.
- Air conditioner system proportional different capacity cabinet (active cooling for high capacity ONUs and passive cooling for small size ONUs).

Mechanical specifications for ONUs :

- 1- Material: Iron
- 2- Coloration : head sealed paint
- 3- Color number :7032
- 4- For high capacity outdoors : protection class of the inner shell is IP65
- 5- For small size outdoors : protection class of the inner shell is IP55
- 6- Designed with Anti-earthquake safety function and compliant with FCC68.302 and ETSI300019 ;
- 7- Relative humidity 5% ~ 95% ;
- 8- Operating temperature : -30c ~ +55c
- 9- In High capacity Outdoor cabinets are Active cooling box with Rotary compressor 1200 BTU.  
In Small capacity Outdoor cabinets are passive cooling box with Heat exchanger units or fan units.
- 10- Power Input: 220 v/ 50 Hz ~ 60 Hz
- 11- Ac counter place
- 11- 12 core ODF-OCDF
- 12- 1 to 2 central to subscriber MDF

This outdoor cabinet configuration could be installed in outdoor environment for remote application. Different types and sizes of outdoor cabinet are available. Outdoor cabinet integrate the ULC-1000AN MASN equipment with customer-specific accessories, such as AC/DC rectifier, backup batteries, MDF and cooling system inside one enclosed housing.

**Outdoor Cabinet**

**ONU-600-1000**



**ONU+**



**ONU-240**



**ONU-120**



**Mini ONU-60**

