



CelPoste



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A differentiated solution

Dimensional and capacity		
Model	DN650	DN800
Base diameter	650mm	800mm
Diameter at the top	317mm	358mm
Radios	Up to 09 units	Up to 12 units
Rack units	13 RU	25 RU
Autonomy	Up to 12 baterias 12V - 100Ah	Up to 12 baterias 12V - 170Ah
Height	10 to 25 meters	
Wind exposure area	3 m ²	
Energy		
AC Power	220V - 1ph/2ph	
General Circuit Breaker	63 A	
Maximum AC power	13,8 kVA	
DC Power availability	2.800W	3.600W
Cooling		
Δt internal / external maximum	10°C	
maximum equipment dissipation	2.500W	3.200W

Pole shelter for implantation of compact sites alongside public streets, sidewalks and squares, parking lots and exhibition centers, without requiring large investments and demand for a useful area.

It has the purpose to shelter equipments inside, in a discreet and safe, combining in the same piece, the shelter, the antennas and the lighting.

It has as a differential the ventilation system of high efficiency by duct (patent required), that distributes the air in the same temperature in the different compartments, guaranteeing a better performance and lifespan to the installed equipments.

Main Features

- Easy and quick assembly
- Conical dodecagonal post with variable height
- ASTM A572 type galvanized steel
- External paint (optional)
- Post camouflage with lamps, banners, security cameras, flags or others (optional)
- Support for conventional antennas, trisector or radome type (optional)
- Internal pedals and anchoring devices for attaching the lanyard to the top of the door
- External pedals and lifeline above the doors for access to the antennas (optional)
- Windows in different heights for internal passage of cables and hooks in different heights to support the cables
- Large doors with easy access to internal equipment
- Protected with locking system on both sides against break-in, released together by gauntlets
- Access security with coded screw and Mul-T-Lock padlock
- Power input with built-in meter box of power distribution company
- Power distribution board and control with front cover with control and fault indicators, and standard socket ABNT voltage 220V
- Built-in battery safe box protected with coded screw or Mul-T-Lock padlock with opening alarm
- Internal cabinet, 19 "rack type, for fixing the rectifier system and equipment protected against water ingress
- Versatile support for Radios of different technologies and manufacturers
- Space for fixing the combiners above the Radios
- Built-in -48Vdc mobile luminaire with extended extension
- Dry contact alarm and status system
- Internal grounding of all metal parts and equipment
- Cable passage on both sides of the pole
- Cable entry plate sealed against infiltration
- High performance redundant ventilation system with a temperature differential of 10°C, able to distribute the air at the same temperature in the different compartments
- High efficiency filter system (En 1822), Gore type, with particle and salinity retention capacity up to 0.3µm
- Air inlet and outlet through door shutters, made up of screens to prevent wasps entering
- Identification plates and information stickers for installation, maintenance and safety
- Briefcases and PVC electrical diagram
- Possibility of remote supervision via web (optional)

