

ESOF010-ECV Series

Outdoor Cabinet



There are lots of external forces can threaten the outdoor system, not only the temperature but also the humidity. Then the cooling function plays an important role in the power system, and the flexibility is also the common requirement to apply several kinds of electronics. ESOF010-ECV Series is developed for that.

Beside well protected by robust enclosure with IP55 class, the internal configuration can be adjusted easily, such as the numbers of wall layers, the type of thermal systems.

To keep the sensitive modules, batteries functioning in a high level and to reduce the CAPEX and OPEX, ESOF010-ECV Series is the ideal solution for the challenges. Your concern, our mission.

Key Features

- 1-bay cabinet.
- 50RU Equipment Space.
- IP55 protection class for outdoor application
- Thermosiphon HEX cooling
- Rear access hatches
- DC heaters heating

Applications

- 3G / 4G / 5G
- Fixed Line
- Datacom



ESOF010-ECV Series



GOASAG-00-ZL

AC INPUT

Voltage (nominal)	Single phase, 4W (L1, L2, N, FG); 110 V _{AC}
Voltage (range)	110 - 120V _{AC}
Frequency	50/60Hz

DC INPUT

Voltage (nominal)	-54V _{DC}
Voltage (default)	-54V _{DC}
Voltage (adjustable range)	-42 to -56V _{DC}
Maximum Power @ nominal Input	116A (Max.)

MECHANICAL

Dimensions (W x H x D)	863.6 x 2512.0 x 1259.8mm (34 x 98.8 x 49.8in)
Weight	approx. 462kg (1018.5lb) (empty enclosure)

ENVIRONMENTAL

Operating Temperature	-40°C to +50°C (-40°F to +122°F)
Storage Temperature	-40°C to +75°C (-40°F to +158°F)
Altitude	-100 feet to +10,000 feet
Related Humidity	95%, non-condensing (Max.)
Acoustic Noise	≤ 65dBA
Cooling	1. 200W/°K Thermosiphon HEX 2. 1500W DC Heaters

STANDARDS

Environment	RoHS
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