

ESOF200-ECU 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. ESOF200-ECU 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, ESOF200-ECU Series is the ideal solution for the challenges. Your concern, our mission.

Key Features

- -48V_{DC} output for telecommunication applications
- Fan cooling
- IP55 protection class for outdoor application

Applications

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



ESOF200-ECU Series



EACAGA-01-ZL

AC INPUT

Voltage (nominal)	Single phase; 100 – 120 / 200 – 240V _{AC} ; 4W (L1, L2, N, PE)
Voltage (range)	100 – 120 / 200 – 240V _{AC}
Frequency	50 / 60Hz

DC INPUT

Voltage (nominal)	-54V _{DC}
Voltage (default)	-54V _{DC}
Voltage (adjustable range)	-43 to -58V _{DC}
Maximum Power @ nominal Input	160A (Max.)

MECHANICAL

Dimensions (W x H x D)	762 x 1829 x 1041mm (30 x 72 x 41in)
Weight	approx. 256kg (564.3lb) (battery excluded)

ENVIRONMENTAL

Operating Temperature	-20 to +50 °C (-4 to +122 °F)
Storage Temperature	-40 to +70 °C (-40 to +158 °F)
Altitude	0 to +3000m
Related Humidity	95%, non-condensing (Max.)
Acoustic Noise	≤ 65dBA
Cooling	Fans with alarm and speed control x8 Filter (F7) Dim.: 600 x 450 x 55mm x3 Fan for power and equipment (6000W heat loss with $\Delta T \leq 5$ °C)

STANDARDS

Environment	RoHS
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* All specifications are subject to change without prior notice.