

ESOF030-HCU Series

Outdoor Cabinet (350W/K Thermosiphon HEX)



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. ESOF030-HCU 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, ESOF030-HCU Series is the ideal solution for the challenges. Your concern, our mission.

Key Features

- -48V_{DC} output for telecommunication applications
- HEX Cooling
- IP55 protection class for outdoor application
- Perfectly integrated with Delta Telecom Power system controller

Applications

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



ESOF030-HCU Series



AC INPUT

EGAEAE-02-ZL

Voltage (range)	Single phase, 1W+N+PE (L1, N, FG); 110 – 120 V _{AC}
Maximum Current @ nominal Input	Single phase: 12A (Max.)
Frequency	50/60 Hz

DC INPUT

Voltage (default)	-54 V _{DC}
Voltage (adjustable range)	-40 to -60 V _{DC}
Maximum Current @ nominal Input	224 A (Max.)

MECHANICAL

Dimensions (W x H x D)	2600.8 x 1932.4 x 1337.7 mm (102.0 x 76.0 x 52.7) (add 4 inch plinth)
Weight	approx. 1106.7 kg (2440 lbs) (Batteries, Power System and Load Equipment excluded)
Protection class	NEMA4

ENVIRONMENTAL

Operating Temperature	-40°C to +46°C (-40°F to +115°F)
Storage Temperature	-40°C to +75°C (-40°F to +167°F)
Altitude	0 to +3000 m
Related Humidity	95%, non-condensing (Max.)
Acoustic Noise	65 dB(A) (Max.)
Cooling	Thermosiphon HEX (x3)
System Cooling Capacity	350 W/K (x3)
Heating	HEH150PA-A01 (x4)
Heating Capacity	1500 W (x4)

STANDARDS

Safety	cULus LISTED
Environment	RoHS

* All specifications are subject to change without prior notice.

** Battery life varies according to operating temperature and charge/discharge cycle use; user shall consult battery vendors/specifications and choose the right battery according to the applications requirements