

ESOA400-HCU Series

Outdoor Power System



To ensure the whole site functions superbly, besides the gorgeous power system, the tailor-made enclosure is essential. No doubt, ESOA400-HCU Series is the elegant choice in Outdoor Power System.

ESOA400-HCU Series offers several enclosure sizes, for the space-critical condition, this is one of the important factors to achieve the goal of space usage efficiency.

The whole system combines high power density rectifiers, intelligent controller and adaptable PDUs, performing in high level in a robust enclosure.

Besides well protected by IP55 class enclosure, highly flexible thermal system can overcome different environmental challenges, that is, not only the battery life can be lengthened, but the sensitive system can work in a perfect condition.

Key Features

- -48V_{DC} output for telecommunication applications
- Fan cooling
- IP55 protection class for outdoor application
- Compact dimension in height to reduce cabinet size
- Perfectly integrated with Delta Telecom Power system controller
- Day and night acoustic noise - internal / external fan speed control

Applications

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



ESOA400-HCU Series



GOASAI-00-ZL

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

OUTPUT

Voltage (nominal)	-48V _{DC}
Voltage (default)	-54V _{DC}
Voltage (adjustable range)	-43 to -58V _{DC}
Maximum Power @ nominal Input	21.6kW

MECHANICAL

Dimensions (W x H x D)	762 x 1829 x 1041mm (30 x 72 x 41in)
Weight	approx. 276kg (608.4lb)

ENVIRONMENTAL

Operating Temperature	-40 to +50 °C (-40 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 (F6) Dim.: 600 x 450 x 55mm x3

STANDARDS

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

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