

# ESOA300-CAA Series

## Outdoor Power System



To ensure the whole site functions superbly, besides the gorgeous power system, the tailor-made enclosure is essential. No doubt, ESOA300-CAA Series is the elegant choice in Outdoor Power System.

ESOA300-CAA 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<sub>DC</sub> output for telecommunication applications
- Fan and TEC 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



# ESOA300-CAA Series



GOAEM-01-ZL

## INPUT

Voltage (nominal)	3 $\Phi$ 5W (R, S, T, N, PE); $V_{L-L}$ : 380V <sub>AC</sub> ; $V_{L-N}$ : 220V <sub>AC</sub> 1 $\Phi$ 3W (L, N, PE); 220V <sub>AC</sub>
Voltage (range)	$V_{L-L}$ : 380/400/415 ( $\pm$ 20%); $V_{L-N}$ : 220/230/240 ( $\pm$ 20%)
AC SPD	Class II
Frequency	45 - 66Hz

## OUTPUT

Voltage (nominal)	-48V <sub>DC</sub>
Voltage (default)	-54V <sub>DC</sub>
Voltage (adjustable range)	-43 to -58V <sub>DC</sub>
Maximum Power @ nominal Input	17.4kW

## MECHANICAL

Dimensions (W x H x D)	700 x 2000 x 700mm (27.5 x 78.7 x 27.5in)
Weight	approx. 150 kg (330.6lb) (empty enclosure)

## ENVIRONMENTAL

Operating Temperature	0 to +45 °C (32 to +131 °F)
Storage Temperature	-40 to +70 °C (-40 to +158 °F)
Altitude	0 to +4000m
Related Humidity	95%, non-condensing (Max.)
Acoustic Noise	65dBA
Cooling	Fans with alarm and speed control x2 TEC (500BTU) x1 Filter (F6) Dim.: 500x300x46mm x1

## STANDARDS

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

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