

# TCAC-1850 Series

## DC Air Conditioner



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Delta TCAC-1850 Series is the -48V DC input cooling system for telecommunication applications. Compact design to save the space to reduce cabinet size. DC inverter powered compressor for energy saving. Wide operating temperature range. And Environment Friendly R134a refrigerant and full RoHS compliant design.

Delta is known for quality and product reliability, and to this solution has been added cost effectiveness.



# TCAC-1850 Series



GOAQEA-03-ZL

## GENERAL

Input Voltage	42 to 58V <sub>DC</sub>
Input Current	16A (Max.) (Current Limit Enabled)
Cooling Capacity	1850W@L35/L35, 1700W@L40/L50
Heating Capacity	850W
Refrigerant	R134a
COP	≥ 3.00W/W @L35/L35
Dimensions (W x H x D)	Body: 490 x 782 x 250mm (19.3 x 30.8 x 9.8in) With Flanges: 534 x 826 x 250mm (21.0 x 32.5 x 9.8in)
Weight	38kg (83.8lb)
Operating Temperature	-35 to +50 °C (-31 to +122 °F)
Acoustic Noise	≤ 62dBA (GR-487@1.5m)
Internal Airflow	310CFM
External Airflow	400CFM
Mounting Type	Door Mount
MTBF	80,000 hours
User Interface	LCD Interface, LED Indication CANBUS RS-485.RS-232(Optional)
Function	Alarm, System Self-Test, System Setting Standalone Operation or Control through Delta Power System Controller

## STANDARDS

Safety	UL 484
EMI (radiated/conducted)	FCC Class A, CISPR 22 class A
Environment	RoHS
Protection Class	UL Type 3R (Outside)

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

\*\* For other cooling capacity models, please contact Delta Representatives.

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