

# TCHE-40 Series

## Heat Exchanger



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Delta TCHE-40 Series is the -48V DC input cooling system for telecommunication applications. Expandable design can be flexible in cooling request. PWM (Pulse Width Modulation) function for fan speed control. Can be redundancy cooling arrangement. And the fan fail alarm by signal and LED indicator.

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



# TCHE-40 Series



GOASAG-01-ZL

## GENERAL

Input Voltage	42 to 58V <sub>DC</sub> (48V <sub>DC</sub> norm.)
Input Current	0.5A (Max.)
Cooling Capacity	40W/K
Dimensions (W x H x D)	452 x 529.2 x 141.9mm (17.8 x 20.8 x 5.6in) (with Flanges)
Weight	8kg (17.6lb)
Operating Temperature	-10 to +70 °C (+14 to +158 °F)
Acoustic Noise	< 50dBA (ISO7779 1M) @ 400W heat / ΔT 10 °C
Internal Airflow	92CFM
External Airflow	105CFM
Mounting Type	Door Mount
Life Expectance (L10)	80,000 hours for fan at 40 °C with 15-65%RH
User Interface	LED Indication Power connector Signal connector
Function	Alarm, Standalone Operation or Control through Delta Power System Controller
Protection Class	IP55

## STANDARDS

Safety	COMPLY 60950
EMI (radiated/conducted)	EN55022 Class B
Environment	RoHS

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

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

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