

Thermoelectric (TEC) Cooler, 48V DC



Description

Thermoelectric (TEC) Cooler utilizes the Peltier effect for cooling and heating. It safeguards against equipment downtime and component loss by effectively dissipating heat within the enclosure. With no condensers, compressors, or filters, it offers a reliable and low-maintenance solution for noise-sensitive applications.

Features

- Silent Operation: No moving parts for quiet and vibration-free performance.
- Portability: Compact and lightweight design suitable for portable applications
- Low Maintenance: Minimal maintenance requirements.

Technical Parameters

Power Supply	-48VDC Nominal (-44VDC ~ -58VDC)
Cooling Capacity	200W@L32/L32
Consumption	430W@L32/L32
Heating Capacity (Optional)	300W@L5/L5
Internal Airflow	240m ³ /h
Working Temperature Range	-10°C~+55°C
Noise Level	67dB(A)
Protection Level	IP55

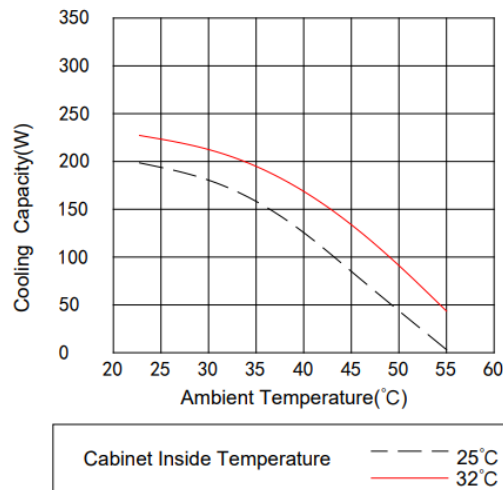
General Specification

Dimensions	H400*W180*D178 mm
Net Weight	7.0Kg
CE& RoHS Compliant	Yes
Optional Accessories	Shroud

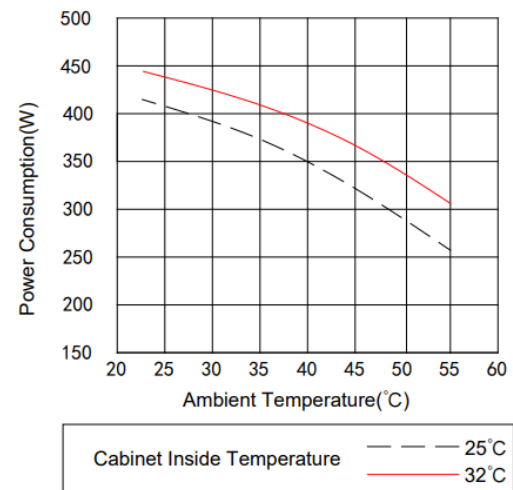
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Cooling Capacity Chart



Power Consumption Chart



Ordering Information

Part No.	Description
DBS-T-200	Thermoelectric (TEC) Cooler, 48V DC, without Shroud