

Heat Exchanger

The Power behind.



Main features

- Air-to-air heat exchanger for outdoor cabinets
- Compact size
- Easy installation on outdoor cabinet
- IP55 protection for external to internal air circulation
- Expandable design can be flexible in cooling request
- PWM (Pulse Width Modulation) function for fan speed control
- Can be redundancy cooling arrangement
- Fan fail alarm by signal and LED indicator
- Cooling Capacity: 22 W/C
- Can be controlled by a Climate Control Unit in the system

Applications

- Indoor and outdoor
- Small to medium power systems
- Telecom, wireless, datacom

Description

The heat exchanger is designed for direct air/air heat removal in cabinet, it can be easy to install in the cabinet (recommended on the door of the cabinet) with 8 screw nuts. Maximum 4 units can parallel in a system. With a Climate Control Unit, heat exchanger can be start up itself according to the internal temperature condition.

The internal and external air circulation loops of the heat exchanger are separated to prevent entry of dust, humidity and dirt. The unit conforms to IP55 protection rating.

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Technical Specifications

General	
Safety	CUL (UL 60950-1, CSA C22.2) CE Conformity

Input	
Voltage range	40...59 Vdc
Current maximum	2 A

User interface	
Status indication	LED «Ready» Green

Mechanics	
Width, overall	154 mm / 60.6 inch
Height, overall	600 mm / 236.2 inch
Depth, overall	97mm / 38.2 inch
Weight	< 5 kg / 11 lb

Environment	
Operating temperature	-10°C ~ +70°C (14°F ~ 158°F)
Storage temperature	-40°C ~ +75°C (-40°F ~ 167°F)
Relative humidity	External Circulation: 0~ 100% RH Internal Circulation: 0 ~ 90% RH, non-condensing
Protection Rating	IP55 (External to Internal Circulation), Conform to IEC 60529

Subject to change due to technical progress.