



## NEW Outdoor 48 V DC TEC solution

Thermoelectric DC cooling or  
heating modules with with BMS  
controller RS485 for small  
cabinets  
12, 24 & 48 Volt





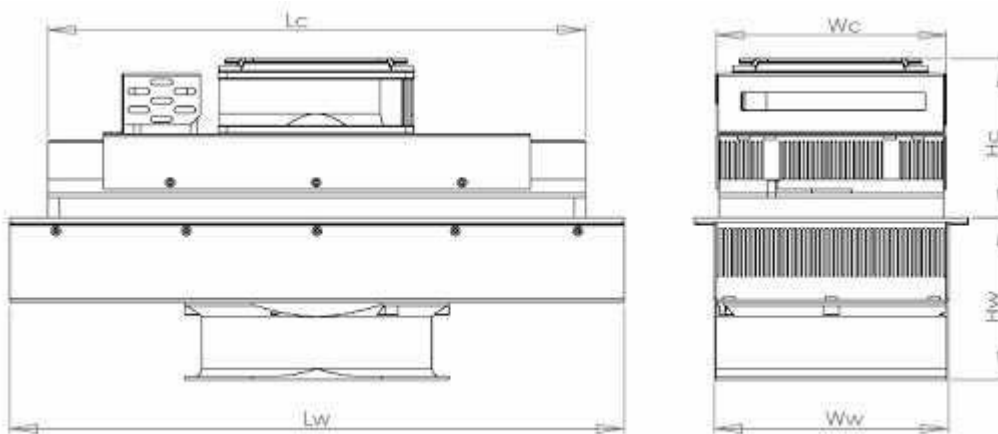
## Thermoelectric DC Cooler HUNT-TG series: Cooling and Heating DC solutions for control cabinets, battery bank cabinets

- Thermoelectric cooler (TEC) are used widely due to its particular technology features such as high quality semi-conductors fixed in extruded solid state aluminium with extruded cooling and heating fins
- No need any cooling media or refrigerant, continues working, no pollution, no turning effect , only low noise fans and no other rotary components, no vibration, long life time installed under Hunter's recommended operating conditions and very easy low voltage installation.
- Electronic one piece type structure, high precision temperature control can be carried out by DC input current. Controller with RS485 and alarm communication with NOC or data centre can perform auto control system by adding temperature sense and control method in device.
- Peltier module temperature control with range
- TEC cooling capacity range: 40W to 200W



## Data

| Type        | Cool Cap. Watt | Current Amp | Power Consump Watt | Consump vs CC | Size in mm Hight x Width x Depth (H x W x D) mm |     |     |     |     |    |
|-------------|----------------|-------------|--------------------|---------------|---|-----|-----|-----|-----|----|
|             |                |             |                    |               | Lw  | Lc  | Ww  | Wc  | Hw  | Hc |
| HUNTC-040.1 | 40             | 1.5         | 70                 | 1.75          | 160   | 120 | 95  | 100 | 87  | 87 |
| HUNTC-060.2 | 60             | 1.8         | 85                 | 1.42          | 230   | 180 | 95  | 100 | 87  | 92 |
| HUNTC-100.4 | 100            | 2,9         | 140                | 1,40          | 300   | 230 | 125 | 120 | 94  | 95 |
| HUNTC-150.4 | 150            | 4.0         | 195                | 1.30          | 300   | 250 | 153 | 150 | 100 | 95 |
| HUNTC-200.4 | 200            | 6.0         | 290                | 1.45          | 400   | 350 | 153 | 150 | 105 | 95 |



### Remarks:

- Cooling capacity based on conditions:
  - Rated input voltage
  - Ambient temperature 35°C
  - Cabinet temperature 25°C
- HUNTC-XXX-"1" means input voltage 12VDC  
 HUNTC-XXX-"2" means input voltage 24VDC  
 HUNTC-XXX-"4" means input voltage: 48VDC (HUNTC-100-4 / HUNTC-150-4 / HUNTC-200-4)

### Features:

- By making Precision temperature control +/- 1°C due PWM treatment to the thermoelectric module
- Higher COP efficiency above 0.65 at rated condition
- Intelligent controller between internal and external fan done timing control to perform energy saving.
- Low noisy design(EC technology)
- Standard ETS£00, GR487 telecom standard and CE CCC UL
- Refrigerant free and no freon
- Outdoor standard design, and long life time , low maintainance