

ELECTRONICS COOLING

DC SPLIT AIR-CONDITIONING



DC 3500



Features

- Clean internal environment – closed loop cooling
- Low inrush current – true DC air-conditioner
- No power loss in conversion – no inverter
- Minimum hot spots – high air flow ensures constant air recirculation
- Steady performance – compressor/fan RPM independent from supply voltage fluctuations
- Energy-efficient – DC-supplied and capacity-controlled
- Cooling On Demand – maintains capacity-controlled room temperature when activated by master
- Expected service life – 10 years

Controller



- Ready for remote control – built-in Dantherm CC0 controller ready for remote climate control
- Energy-saving strategy – applies a minimum of energy to maintain temperature set point
- Cooling On Demand – maintains capacity-controlled room temperature when activated by master
- Easy change of settings – user-friendly display (optional)
- Fast configuration – SD card interface and TTL link
- Automation – standard ModBus protocol over RS485 for easy connection to internet and customer interface

Applications

- Radio base stations
- Electronics enclosures
- Hybrid Telecom sites
- Battery compartments
- Power supply rooms
- Network and computer rooms
- Automation control cabinets
- Drive stations

| Specifications | Units | DC 3500 |
|---|-------------------|------------------|
| Operational temperature range | °C | -15 - +55 |
| Storage temperature @ 80% RH | °C | -40 - +70 |
| Sound level @ 1m | dB(A) | 57 |
| Refrigerant | | R134a |
| Cooling capacity at 35°C internal and 50°C ambient | W | 3624 |
| Cooling capacity at 35°C internal and 35°C ambient | W | 3822 |
| Internal air flow | m ³ /h | 860 |
| External air flow | m ³ /h | 1950 |
| Power consumption at 35°C internal and 35°C ambient | W | 1138 |
| Input voltage range | VDC | 40-57 |
| Product size (l x h x d) | mm | 1170 x 757 x 730 |
| Weight | kg | 24 |

Get In Touch

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Our Address

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