



ELECTRONICS COOLING

DC AIR-CONDITIONING



DC 1000



Features

- Clean internal environment – closed loop cooling
- Low inrush current – true DC air-conditioner
- No power loss in conversion – no inverter
- Energy-efficient – DC-supplied and capacity-controlled
- Easy installation – mono-block, plug-and-play units
- Lower carbon footprint – environmentally friendly refrigerant R134a
- Easy maintenance – small and compact design
- Expected service life – 10 years

Controller

- Built-in digital controller – Dantherm CC0 controller, LED digital display placed on control board
- Energy-saving control strategy – fans and compressor are controlled with unique, stable RPM independent from supply voltage fluctuations
- SD card interface and TTL link make the configuration fast and easy
- 1 pcs RS485 communication port, Modbus protocol support remote monitor

Applications

- Radio base stations
- Electronics enclosures
- Hybrid Telecom sites and DC powered sites
- Battery compartments and power supply rooms
- Network and computer rooms
- Automation control cabinets
- Drive stations
- Billboards, kiosks, ad boards and displays



Specifications	Units	DC 1000
Operational temperature range	°C	-15 - +55
Storage temperature @ 95% RH	°C	-20 - +70
Sound level @ 2m	dB(A)	65
Refrigerant		R134a
Cooling capacity at 35°C internal and 50°C ambient	W	700
Cooling capacity at 35°C internal and 35°C ambient	W	1000
Internal air flow	m ³ /h	450
External air flow	m ³ /h	350
Power consumption at 30°C internal and 50°C ambient	W	430
Power consumption at 35°C internal and 35°C ambient	W	320
Input voltage range	VDC	45-57
Product size (h x w x d)	mm	1170 x 470 x 170
Weight	kg	35



Get In Touch

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