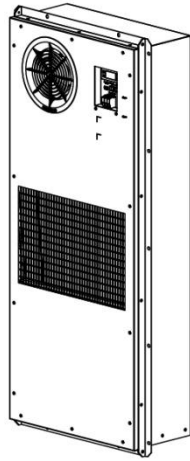


# Air Cooler

DC3000



## Overview

LongXing Air Conditioner Cooling Solution can be widely used in enclosed area for climate control, such as wireless communication cabinet, battery cabinet, industry control cabinet etc. LongXing air conditioners are designed to cool your electronic and electrical controls, instruments, computer terminals, printers, telecommunications equipment, surveillance devices, cameras, laser and optical equipment and many other electronics in variety of environments. Our electronic cabinet cooling systems are designed for use with a wide range of enclosures and transit cases. Models are available for both indoor and outdoor use in AC and DC power configurations. Coolers feature corrosion-resistant stainless steel construction.

## Features

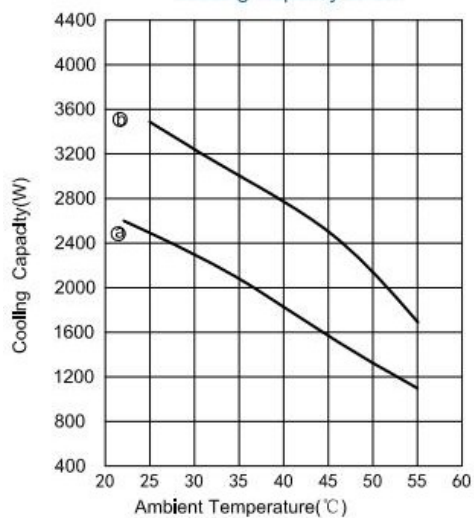
- Designed with all DC driven components like fans, compressor;
- Precise temperature control through inverter digital regulation of compressor, fans;
- Power supply voltage range: DC44~59 V;
- A comprehensive self-protection design to realize partial load starting, partial load operation at severe ambient condition;
- Low power consumption design with  $EER \geq 3.5$ ,  $SEER \geq 5.5$ ;
- Energy saving reach to 50% comparing with A.C. version product;
- IP55 environment protection & fit for T3 high temperature working condition by using of R134a refrigerant gas;
- The best cooling solution for solar, wind, diesel generator etc, hybrid power system;
- Strict process control and international brand parts deployed to ensure high quality and reliable of this product;
- Multiple self protection design;
- LED Display, all the settings can be changed at the field;
- Dry contact alarm output, NO/NC optional;
- Equipped with communication interface: RS485.



## Technical parameters

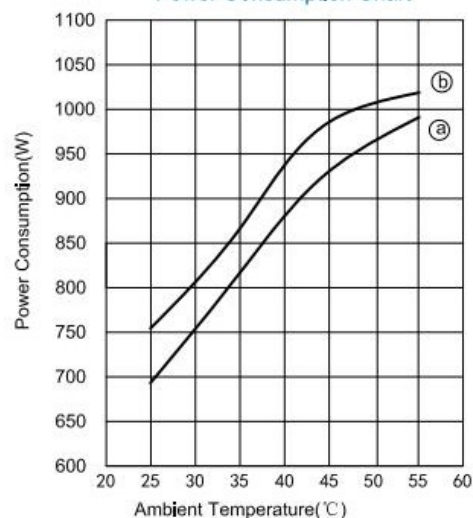
Name	Outdoor Cabinet Air Conditioner
Code	DC 3000
Mounting Method	Semi-embedded Mounting
Power Supply	-48VDC
Cooling Capacity	3000W@L35/L35
Power Consumption	860W@L35/L35
Cooling Capacity(Optional)	1800W@L35/L55
Power Consumption	1020W@L35/L55
Internal Airflow	800m <sup>3</sup> /h
Working Temperature Range	-40℃~+55℃
Max Noise Level	65dB(A)
IP Grade	IP55
Net Weight	60kg
Refrigerant	R134a
Dimensions(H*W*D)	1154mm*489mm*225mm
CE&RoHS Compliant	Yes
Surface Treatment	Outdoor type power coating, Standard color: RAL7035

Cooling Capacity Chart



Cabinet Inside Temperature (a) — 25℃  
(b) — 35℃

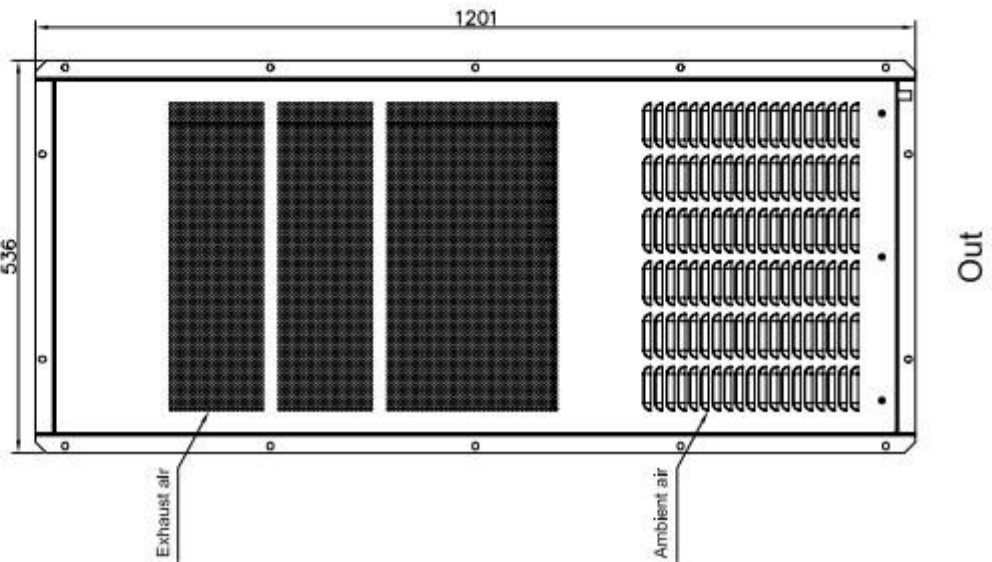
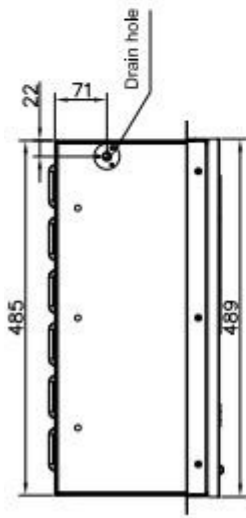
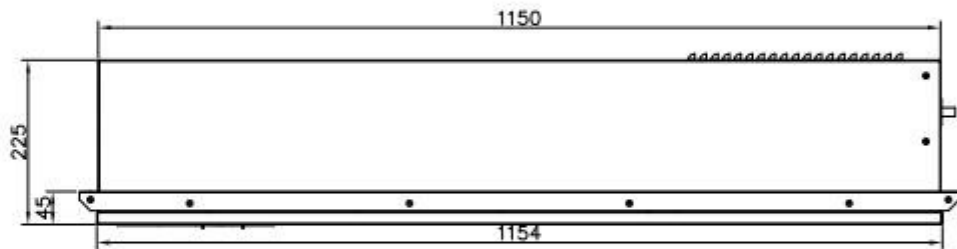
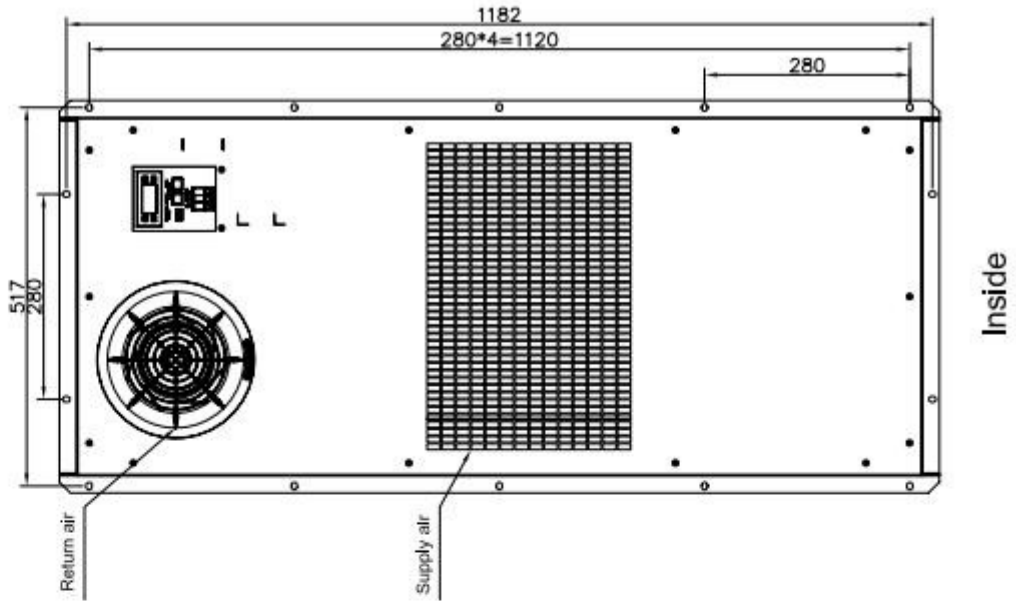
Power Consumption Chart



Cabinet Inside Temperature (a) — 25℃  
(b) — 35℃



# Technical Drawings



# Installation Instructions

Figure 1-Cabinet Door Cutting Dimension

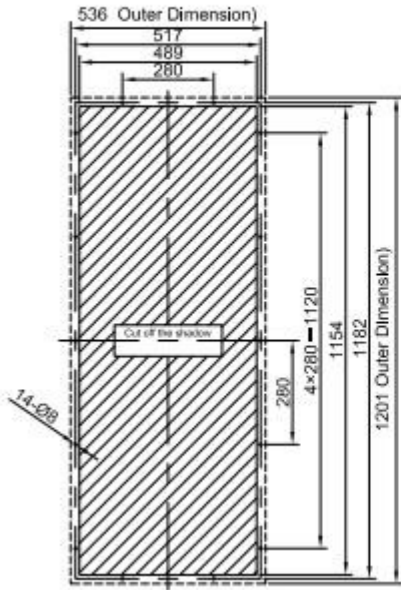


Figure 2-Air open design of cowling

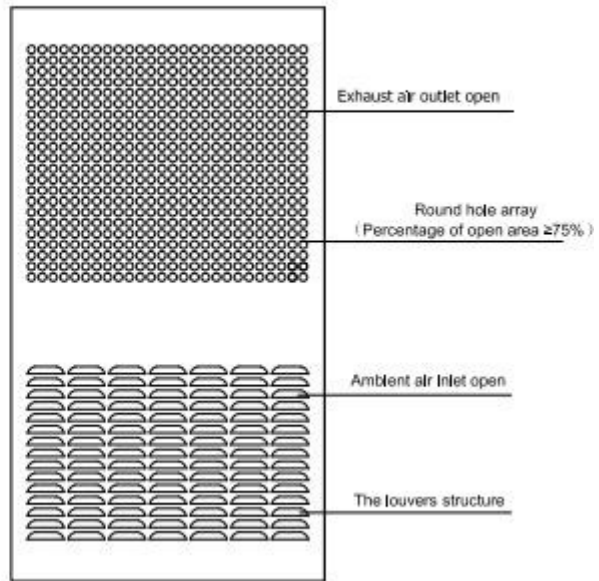


Figure 3-Installation Instruction

