



6KW 5G Base Station Power Supply Pole Mounted Outdoor IP55 Protection Level

Our Product Introduction

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Basic Information

- Place of Origin: shenzhen
- Brand Name: daxin
- Certification: CE,UL
- Model Number: DX-C-1k20AH
- Minimum Order Quantity: 10
- Packaging Details: Wooden pallet+cardboard box
- Supply Ability: 10000pcs/month



Product Specification

- Color: Ral7035 Or Ral7032
- Type: Distribution Box,battery/ Meter Box,Outdoor
- Protection Level: IP55
- Material: Cold-roll Steel/Stainless Steel
- External Size: 600*800*450mm
- Application: Electric Power System
- Highlight: 6KW 5G Base Station Power Supply, IP55 Level Pole Mounted Power Supply, Base Station Power Supply Pole Mounted



More Images



Product Description

6KW 5G power supply/microsite power supply/pole mounted power supply/outdoor power supply/pole mounted power supply

Chapter technical specifications

1. The main technical indicators of the equipment

1.1 environmental conditions

Operating Temperature:-40°C~55°C; ,

Storage temperature:-40°C~65°C.

Operating relative humidity:≤90%(at 40±2°C).

Storage relative humidity:≤95%(at 40±2°C).

1.2 Vibration

Withstand sine wave vibration with frequency of (10~55) Hz and amplitude of 0.35mm.

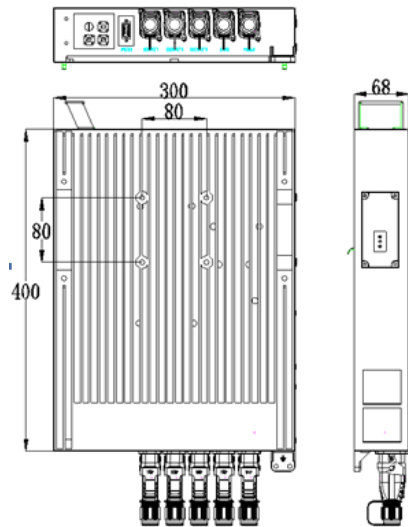
1.3 Seismic strengthening

The seismic strengthening of the system meets the requirements of YD 5096-2016 Code for Seismic Performance Testing of Communication Power Equipment

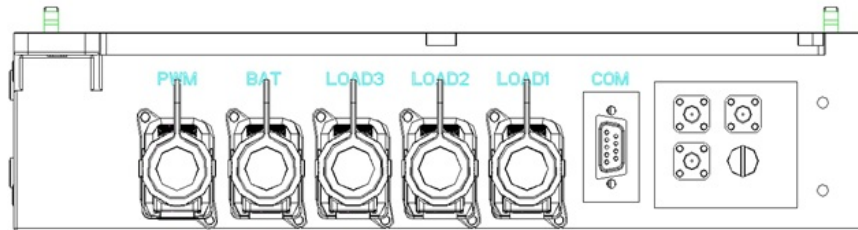
1.4 Appearance, structure

1.4.1 Shape.

Dimensions: 300mm (W) * 400mm (D) * 68mm (H)

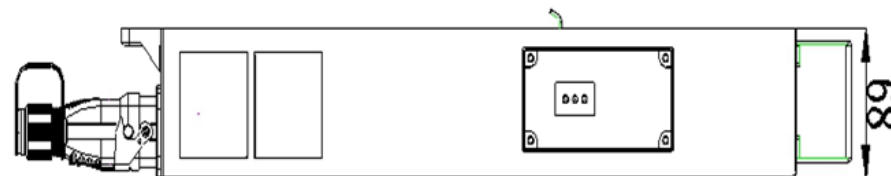


1.4.2 Input and output interfaces



From left to right: AC Input, Battery Connector, DC Load 3, DC Load 2, DC Load 1, Communication Port, Antenna Connector and Ventilation Valve

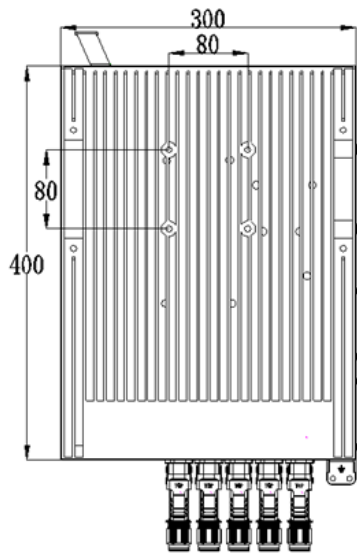
1.4.3 Schematic diagrams of indicator lamps



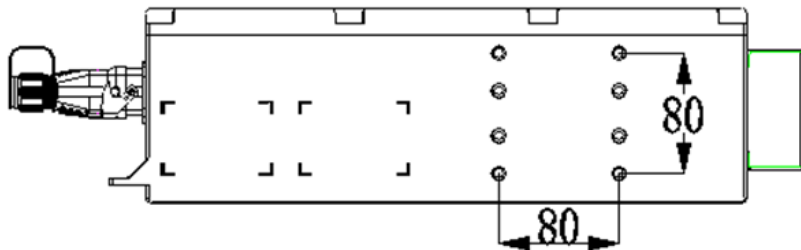
From left to right: green (running light), yellow (warning light), red (fault light)

1.4.4 Schematic diagram of mounting method.

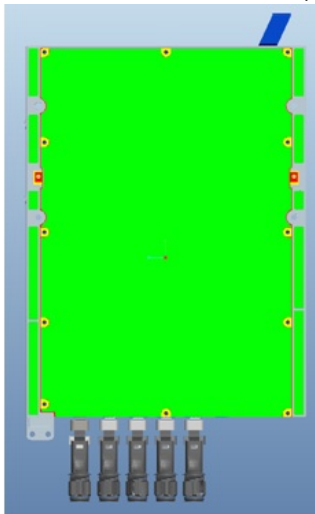
Installation of derrick and flat installation 80mm * 80mm



Flag mounted 80mm * 80mm



1.4.5 The overall effect of the appearance of the product



1.5 power supply technical requirements

5.1 Electrical performance

5.1.1 Input voltage range

AC 220V, rated voltage 220V, input voltage range: 176V~264V;

When AC input is 100Vac~175Vac, derate to output 1000W

Nominal value DC 240V/336V, rated voltage 378V, input voltage range: 260~400V (192V~280V).

When DC input is 140Vdc~240Vdc, derate to output 1000W

5.1.2 AC input power requirements

1) Rated frequency

The rated frequency is 50Hz.

2) AC frequency fluctuation range

The fluctuation range of input frequency is $50\text{Hz} \pm 2.5\text{Hz}$.

5.1.3 Input power factor

The input power factor of the system at different load factors satisfies the requirements of Table 1.

Input power factor table Table 1

input power factor at different loads Requirements

At 100% load factor , the >0.99

At 50% load factor , the >0.98

At 20% load factor , the >0.94

5.1.4 Input voltage waveform distortion rate

Input voltage waveform distortion rate is not more than 5%.

5.1.5 Input current total harmonic distortion

The input current harmonics of the system at different load factors satisfy the requirements of Table 2.

Input Current Total Harmonic Distortion Table Table 2
total harmonic distortion of input current at different loads Requirements

At 100% load factor $\leq 5\%$

At 50% load factor $\leq 8\%$

At 20% load factor $\leq 10\%$

5.1.6 Input no-load losses

No load loss of equipment is less than 1% (20W) of rated power.

5.1.7 Output voltage setting range value ,

The nominal value is - 48V, the output voltage range is 43V-57V, and the voltage stabilization accuracy is $\pm 0.5\%$.

5.1.8 efficiency

The output nominal value - 48V efficiency meets the requirements in Table 3.

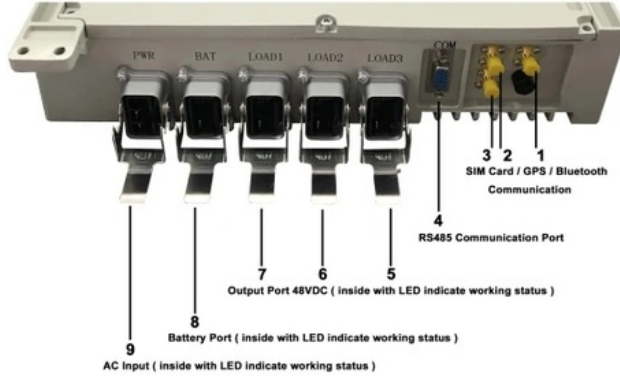
Nominal Output Values - 48V Efficiency Table 3

load factor Efficiency

100% load ≥ 95.5

50% load ≥ 96

20% load ≥ 93.5



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