Communication Power Supply For Security Monitoring Systems Optical-Electrical Junction Box

Our Product Introduction

Basic Information

- Place of Origin: shenzhen
- Brand Name: daxin
- Certification: CE,UL
- Model Number: DX-C-1k20AH
- Minimum Order   1 pcs
  Quantity:
- Packaging Details: Woodcase/ Paper box
- Delivery Time: 15-25 days
- Payment Terms: T/T
- Supply Ability: 10000pcs/month

Product Specification

- Cabinet Layout: One Compartment
- Mount Way: Wall Mount
- Embedded Power   Daxin
  Supply Brand:
- Temperature Range: -40°C To 55°C
- Applications: Powering Routers, Switches, And Other
  Network Equipment In Data Centers, As Well
  As Powering Cameras And Other Equipment
  In Security Monitoring Systems
- Product Name: Optical-Electrical Junction Box
- Highlight: **one compartment outdoor power cabinet**,
  one compartment outdoor electrical cabinets

Product Description

Communication Power Supply For Security Monitoring Systems Optical-Electrical Junction Box

Optical-Electrical Junction Box Product Description:

An Optical-Electrical Junction Box (OEJB) serves several important functions, especially in telecommunications and networking environments. Here are the key functions:

1. Signal Distribution

Optical Fiber Management: Distributes optical signals from fiber optic cables to various endpoints, maintaining signal integrity.

Electrical Signal Routing: Facilitates the distribution of electrical signals to connected devices and systems.

2. Connection Point

Acts as a junction point where multiple fiber optic and electrical cables converge, enabling easy connectivity and organization.

3. Protection

Environmental Shielding: Protects sensitive optical and electrical components from environmental factors such as dust, moisture, and extreme temperatures.

Surge Protection: Helps safeguard equipment from electrical surges or lightning strikes.

4. Termination and Splicing

Provides a secure location for terminating and splicing fiber optic cables, ensuring proper signal transmission and minimizing loss.

5. Remote Monitoring and Control

4G Communication Support: Enables remote access and management of the junction box, allowing for monitoring of signal quality and operational status.

Remote Shutdown Capability: Allows operators to remotely turn off electrical components, enhancing safety and operational control.

6. Maintenance and Troubleshooting

Simplifies maintenance tasks by consolidating connections and enabling easy access for troubleshooting and repairs.

7. Integration with Other Systems

Can be integrated with various telecommunication systems, such as routers, switches, and network management systems, facilitating seamless communication.

8. Modular Design

Often designed to accommodate future expansions or upgrades, allowing for additional connections or functionalities as needed.

Applications

Telecommunications Networks: Used in mobile networks, fiber-to-the-home (FTTH) deployments, and data centers.

Smart City Solutions: Supports various IoT applications, including smart lighting, traffic management, and environmental monitoring.

Industrial Automation: Connects sensors and control systems in manufacturing and processing environments.

In summary, an Optical-Electrical Junction Box is a critical component in modern communication infrastructure, providing essential functions for signal management, protection, and operational efficiency.

Technical Data				
	DXE48200	DXE48400	DXE4830	DXE48600
Input				
Rated voltage	Single phase 220Vac			
Operation voltage range	90~300Vac			
Frequency	50/60Hz±10%			
Power factor	≥0.99			
Output				
Voltage	48V(40~58Vdc adjustable)			
Current	50-200A	50-400A	50-300A	50-600A
Power(Max)	11.6KW	23.2KW	17.4KW	34.8KW
Current sharing at paralleling	≤±3%			
Voltage stability precision	≤±0.6%			
Efficiency	≥91%			
Other data				
Dimension(W*D*H) (mm)	482×280×264	482×280×440	600×400×1200	600×400×1600
Weight	30kg	45kg	130kg	150kg
Battery Input	100A*2	100A*2	300A*2	500A*2
Load Output	(10-63)A*10	(10-63)A*10	100A*3 63A*3 32A*4 10A*2	160A*2 100A*2 (10-63)A*10

Features:

Product Name: Communication Power Supply

Installation Method: Wall mount or pole mount

Price: Negotiable

Cabinet Layout: One Compartment

Humidity Range: 10% To 95%

Mount Way: 19-inch Mount

Features: Emergency Light Power Supply, DC DC Power Supply

Technical Parameters:

Product Name	Optoelectronic box/AC-DC distribution box holding pole for outdoor use Can be equipped with batteries/with heating suppo
Minimum Order Quantity	10
Embedded Power Supply Brand	Daxin
Price	$2850
Applications	Powering Routers, Switches, And Other Network Equipment In Data Centers, As Well As Powering Cameras And Other Equipment In Security Monitoring Systems
Surface	Outdoor Powder Coating
Humidity Range	10% To 95%
Installation Method	Wall and pole mounted
Mount Way	19-inch Mount
Product Category	Communication Power Supply
Keywords	CCTV Switching Power Supply, Industrial PC Power Supply, Desktop Switching Power Supply

Technical Data		
	DXRM4850	DXRM4850H
Input		
Rated voltage	Single phase 220Vac	
Operation voltage range	90~300Vac	
Current	≤18.5A	
Frequency	50/60Hz±10%	
Power factor	≥0.99	
Output		
Voltage	48V(40~58Vdc adjustable)	
Current	50A@58	
Current sharing at paralleling	≤±3%	
Voltage stability precision	≤±0.6%	
Protection	Over voltage, over current, output short-circuit and over temperature	
Other data		
Efficiency	≥92%	≥95%
Cooling mode	Fan cooling	
Operating temperature	-10~+55℃	
Degree of protection class	IP20	
Ripple voltage	≤200mVpp	
Phosphometric noise	≤2mVrms	
Load effect	≤±0.5%	
Restoring time of load effect	≤200μs	
Source effect	≤±0.1%	
Dimension (mm)	106(W) ×218(D) ×83.8(H)	
Weight	2.2kg	
EMC		
Emission	Ac input in accordance with EN50081-1 and EN50081-2; DC output in accordance with EN50081-2	
Immunity	In accordance with EN50081-1, EN50081-2	
Safety	In accordance with IEC950, EN60950, EN41003, UL1950, AS/NZ3260	

Support and Services:

The Communication Power Supply product technical support and services include:

24/7 technical support

Product installation assistance

Product training and education

Remote troubleshooting and diagnostics

Repair and maintenance services

Warranty and post-warranty support

Our team of experts is dedicated to ensuring the highest level of customer satisfaction and product performance.

Packing and Shipping:

Product Packaging:

One Communication Power Supply

One User Manual

One Power Cord

Shipping:

Shipping Method: Standard Shipping

Estimated Delivery Time: 5-7 business days

Shipping Cost: Free

FAQ:

1. What is the brand name of the communication power supply?

daxin

2. What is the model number of the communication power supply?

DX-C-1k20AH

3. What certifications does the communication power supply have?

CE,UL

4. Where is the communication power supply manufactured?

shenzhen

5. What is the minimum order quantity for the communication power supply?

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Key Process - Copper and Aluminum Product Workshop (Integrated Cutting and Punching Machine)
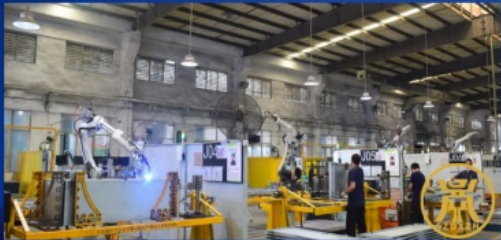

➢ Copper bar integrated machine: 2 units
➢ Model: LID-30
➢ Features: high-precision automatic cutting and punching
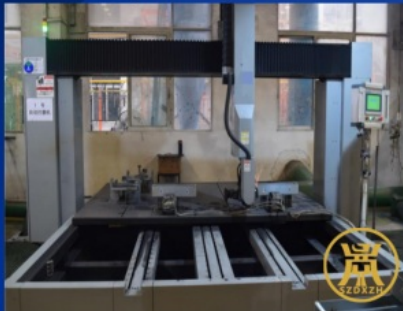
Key Process - Welding Workshop

Fully automatic, 360 degree rotating welding line features: Welding accuracy: Welding displacement less than 1.5 mm, welding flip angle less than 0.1 degrees. Welding software: Our self-developed welding control software v1.3 version can store up to 128 welding programs. Scan the product code to initiate the welding program, automatically switch between dual platforms, seamlessly connect, and achieve uninterrupted welding. Welding dimensions: Product height 2.8 meters, width 1.5 meters. Welding capacity: 11 fully automatic welding robots and 47 welders. Monthly output of 20000 to 25000 cabinets.
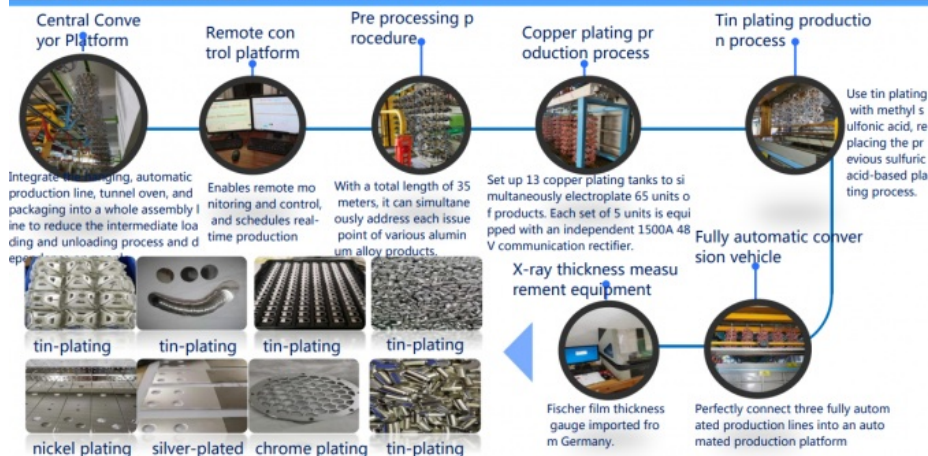
Key Process - Polishing Workshop

●Automatic polishing machine: 2 units, equipment can be increased according to product demand.
●Manual polishing stations: 15, with manpower allocated according to the product structure.

Key process - Metal parts electroplating workshop (automated assembly line)

Central Conveyor Platform
Integrate hanging, automatic production line, tunnel oven, and packaging into a whole assembly line to reduce the intermediate loading and unloading process and d...

Remote control platform
Enables remote monitoring and control, and schedules real-time production

Pre processing procedure
With a total length of 35 meters, it can simultaneously address each issue point of various aluminum alloy products.

Copper plating production process
Set up 13 copper plating tanks to simultaneously electroplate 65 units of products. Each set of 5 units is equipped with an independent 1500A 48V communication rectifier.

Tin plating production process
Use tin plating with methyl sulfonic acid, replacing the previous sulfuric acid-based plating process.

X-ray thickness measurement equipment
Fischer film thickness gauge imported from Germany.

Fully automatic conversion vehicle
Perfectly connect three fully automated production lines into an automated production platform

tin-plating   tin-plating   tin-plating   tin-plating

nickel plating   silver-plated   chrome plating   tin-plating

Key process - Spray painting workshop (3 main lines+1 auxiliary line/small batch)

Reciprocating machine (automatic powder spraying)

Automatic Line 1

Automatic Line 2

Automatic Line 3

Characteristics of Spray Line:

◆ Characteristics of Spray Line: The system monitors the furnace temperature in real-time, and when the oven temperature does not meet the standard The system monitors the furnace temperature in real-time, and when the oven temperature does not meet the standard

◆ Automatic spraying: Reciprocating machine automatic spraying ensures uniform thickness and aesthetic appearance of the coating.

◆ Equipment resources: 3 main lines+1 auxiliary line, which can simultaneously meet the needs of different colors;

◆ Daily production capacity: 15,000 to 20,000 square meters per day

Key Process - Product Assembly Workshop

Large cabinet assembly line

Small cabinet with assembly line

IPX6 Spray Water Testing System

Small chassis wiring assembly line

Outdoor cabinet product assembly line

High voltage product assembly line

Key process - outdoor cabinet waterproof testing assembly line

■Pipeline standard: IPX1-IPX5 waterproof rating, which can be adjusted and matched according to product requirements.

Trial water process diagram

Test water