

Polyester Powder-Coated Cold-Rolled Steel Sheet

This cold-rolled steel sheet is treated with outdoor polyester powder coating. It offers enhanced durability and weather resistance for industrial applications.



ADDITIONAL IMAGES



Overview

Industrial Load Bank System

This load bank is a precision-engineered testing solution designed for generators, UPS systems, and battery banks. It utilizes high-grade stainless steel elements and forced air-cooling to ensure reliable performance during critical power system testing. With flexible control modes and modular load stepping, it provides accurate, repeatable results for industrial power commissioning.

Technical Specifications

Testing Capacity

2000 KW

Max Capacity

0.3

Accuracy Grade

Electrical Parameters

Parameter	Specification
Rated Voltage	110-480 VAC
Frequency	50/60 Hz
Power Factor	1.0 or 0.8
Load Type	Resistive

Load Control Features

- Step resolution: 10kW
- Load settings: 10kW, 20kW, 50kW, 100kW switches
- Fine-tuning: 0-10kW knob
- Local manual control
- Optional remote control (up to 30m)

Construction & Environment

Operating Environment

- Altitude: d 3000m
- Ambient temperature: -10 to +50°C
- Relative humidity: d 80%
- Ventilated, non-corrosive environment

Build Materials

Cold-rolled steel, Polyester powder coating, Stainless steel sheathed elements, Magnesium oxide insulation

Components & Safety

Key Components

Schneider contactors • Siemens switches • ABB circuit breakers • Omron relays • Phoenix terminal blocks • Lovato multifunction meter

Safety Protections

- Overheating protection
- Cooling fan failure protection
- Overload protection with alarm