XT-JP Integrated Distribution Cabinets (JP Cabinets) — Datasheet

Kaifeng Xiaotong Electric Power Equipment Co., Ltd. · Tongxu, Kaifeng, Henan, China

Outdoor low-voltage integrated distribution cabinets (JP cabinets) combining incoming isolation, metering, outgoing feeder protection and optional reactive power compensation in one weatherproof metal enclosure. Manufactured in-house from 304 stainless steel, galvanised steel or cold-rolled steel.

Features

- Laser-cut, CNC-bent enclosure — cut by laser and bent on CNC machines in our own workshop; 1.5-2.0 mm sheet as standard (1.2-2.0 mm to order) in 304 stainless, galvanised or cold-rolled steel, brushed or RAL 7035 powder-coated.
- Rain-shedding roof and ventilation — sloped roof sheds rainwater; louvred ventilation band with dust screen; double doors.
- Separate internal compartments — incoming, metering, outgoing and capacitor compensation in separate compartments; compensation optional; 400 V, 100-630 A, 4 or 8 outgoing circuits.
- Hardware and accessories — tin-plated copper busbars, three-point linkage lock, removable gland plates, mounting backplate with DIN rail, earthing parts and pole-mounting bracket.
- Three supply forms — empty enclosure, semi-finished with busbars fitted, or fully assembled with buyer-specified component brands.
- Protection class by design — designed per IEC 60529; third-party IP test report arranged on request.

Common Specifications

Item	Specification
Rated voltage	400 V
Materials	304 stainless steel / galvanised steel / cold-rolled steel
Sheet thickness	1.5-2.0 mm
Finish	Brushed stainless or powder-coated, RAL 7035
Operating temperature	-25 C to +55 C
Installation	Pole-mounted cross-arm or concrete plinth

Models & Variants

Model	Rated current	Outgoing ways	Dimensions H x W x D (mm)	Weight (approx.)
XT-JP-400	100-630 A	4 / 8	1100 x 1350 x 600	approx. 105 kg
XT-JP-100-4	100 A	4	900 x 1150 x 500	approx. 70 kg
XT-JP-100-8	100 A	8	1000 x 1250 x 550	approx. 80 kg
XT-JP-250-4	250 A	4	1000 x 1250 x 550	approx. 82 kg
XT-JP-250-8	250 A	8	1100 x 1350 x 600	approx. 95 kg
XT-JP-400-4	400 A	4	1100 x 1350 x 600	approx. 100 kg
XT-JP-400-8	400 A	8	1200 x 1450 x 650	approx. 118 kg
XT-JP-630-4	630 A	4	1200 x 1450 x 650	approx. 118 kg
XT-JP-630-8	630 A	8	1300 x 1550 x 700	approx. 135 kg

Model Meaning

Model code: XT-JP--. The current class is the rated current class of the main switch and busbar system: 100, 250, 400 or 630 A. The last figure is the number of outgoing feeder ways, 4 or 8. Example: XT-JP-250-8 is a 250 A class cabinet with 8 outgoing ways. The established model XT-JP-400 denotes the 400 A class cabinet in its standard configuration;

see its detail page for full specifications.

Service Conditions

Designed for outdoor installation in low-voltage distribution networks, pole-mounted on a cross-arm or floor-standing on a concrete plinth, typically at distribution transformer stations. Operating temperature range -25 C to +55 C. Enclosure designed per IEC 60529 (tested on request).

Packing & Shipping

Supplied fully assembled or in flat-pack (knock-down / SKD) kits to maximise container volume. Packed with protective corner foam, export cartons or plywood crates on pallets.

Customisation

Enclosure dimensions, sheet thickness (1.2-2.0 mm), steel grade, RAL powder-coat colour, internal compartment layout, copper busbar cross-section and knockout plates customized to your DWG/PDF drawings.

Note: standard design parameters are shown; final dimensions and configurations are confirmed at quotation. This datasheet is product literature, not a test certificate. Test reports and third-party testing can be arranged on request.