



TPG Field Power Distribution Unit

Description

TPG Field Power Distribution (Electrical Skid) Unit is a heavy-duty industrial 75 KVA, rugged, compact field power distribution unit. Designed with safety in mind for both Indoor and Outdoor applications.

Standard Features

The line-in power to the 75 KVA transformer is protected by a 3-phase 200-amp fused NEMA 3R main disconnect. The NEMA 3R transformer steps down the 480V primary power to 120/208Y secondary N3R transformer feeding a 200-amp (120/208Y) main breaker panel. The 200-amp main panel offers (12) 2-pole breakers (50, 30 or 20 amp) and (16) 20-amp single-pole breakers. These breakers are feeding corresponding 3-pole 4-wire twist lock and 20-amp GFI duplex receptacles which can effectively feed both linear (motor) and non-linear loads. TPG Field Power Distribution Unit's Transformer is grounded to earth ground by a grounding lug on the frame. All this conforms a well-protected electrical skid.

TPG Field Power Distribution Unit is designed for heavy duty industrial applications. Its transformer is mounted on a rugged 1/8" thick steel mounting platform mounted to a 2" x 2" x 1/8" thick square steel tubing frame. This results on a stable, durable, rugged and dependable power distribution unit. In order to facilitate its deployment, TPG Field Power Distribution Units are equipped with both forklift skid pockets and a top located lifting eyelet.

Technical data

POWER DATA (USUAL CONFIGURATION)

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| 1 | 75 KVA 480V primary to 120/208Y secondary N3R transformer |
| 1 | 200-amp, 600V, 3-phase, fused N3R disconnect w/ 125-amp fuses |
| 1 | 200-amp main breaker 120/208Y panel |
| 1 | 20' (feet) #2 Type SOOW line-in cord (Male attachment plug not included) |

200-AMP MAIN PANEL WITH 14 RECEPTACLES TOTAL

| | |
|----|--|
| 4 | 50-amp breakers protecting up to six 50-, 30- or 20-amp receptacles with waterproof covers |
| 8 | 20-amp breakers protecting eight 20-amp duplex GFI receptacles with waterproof covers |
| 4 | 50-amp 125/250v 3Pole 4W twist-lock receptacles (CS6369) with waterproof box & cover |
| 2 | 30-amp 208v 3-phase duplex GFI receptacles with waterproof covers |
| 15 | 20-amp and 50-amp spares |

MECHANICAL

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|------------------|--|
| Dimensions (LWH) | 66" x 36" x 74 5/8" (including top lift eyelet) |
| CG | 11.85" |
| Weight | 1,185lbs |
| Frame | Powder coated 2"x2"x1/8" thick square steel frame with skid pockets and top lifting eyelet |
| Roof | Single-piece 11 GA steel roof |
| Lighting | One Vapor Tight LED Fixture with independent light switch |
| Mobility | Forklift skid pockets and a top located lifting eyelet |



Manufactured in the United States of America.



Balfour Beatty

Available Options

- 45 KVA 480V or 75 KVA 480V or 100 KVA 480V primary
- Chase box with customer perforations (up to (4) 50-amp and (11) 20-amp spares)
- Available with 30-amp and/or 20-amp 3-Pole 4-wire receptables
- Wheels to turn it into a high mobility electrical skid
- “Boat configuration”, to allow dragging the skid over soft terrain
- Gutters for outdoors use



Contact us

- Email Christine Poll at cpoll@tpgexperts.com or call us at (919) 432 1810 for more information.