
One Encorp APS (Automatic Paralleling Switch) 500A to be configured to export power from 150kW 208/120V three phase generator to the utility.

ITEM #1 500A Generator Paralleling Panel and Controls Electrical Rating:

- 500A, 208/120VAC/24VDC, 3phs, 4wire
- UL Listed and Marked UL508

Enclosure Information:

- NEMA 1, Wall Mount with 6" legs, Approx Dim 70"H x 36"W x20"D
 - Powder coated gray exterior and interior.
 - Hinged front door with lockable handle
 - Mounting ears
 - Steel back panel painted white
 - **The Control Panel To Include The Following Equipment installed and wired:**
 - Qty(1) Main Circuit Breaker, 400AF/400AT, 35kAIC, 208VAC, molded case, 100% rated, 3pole, electronic trip
 - Trip Unit, LIG
 - Rating Plug, 500A
 - Aux Switch, 2 form C
 - Shunt Trip, 24VDC
 - Bell Alarm
 - Motor Operated Mechanism, 24VDC
 - Neutral Sensor
 - Encorp PTC Controller
 - Provides control of DG system and following generator protectives
 - 32, 27/59, 47, 81O/U, and 25
 - M3410 Inter-tie protective relay
 - Phase undervoltage (27) and overvoltage (59) protection
 - Ground undervoltage (27G) and overvoltage (59G)
 - Directional power protection (32)
 - Sync Check (25)
 - Loss-of-field protection (40)
 - Overcurrent protection and alarming(46)
 - Peak overvoltage protection (59I)
 - Reconnect enable time function(79)
 - Qty(1) Switch, Electroschwitch: 24202B, A/O/T, 2 deck w/:Auto/Off/Test nameplate
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