

Based in Lafayette, Indiana, **Advanced Power Technologies** has years of experience in the design and manufacturing of power control systems and equipment, offering a full range of custom generator set controls and intelligent power distribution systems for 60 and/or 50 Hz applications ranging from 208V to 69 kV.

Providing Power Management Systems for companies worldwide, APT can design and build a Power Control System to meet your needs.

Products:

- Low & Medium Voltage Switchgear
- Generator Paralleling Switchgear
- Generator Connection Solutions
- Circuit Breaker Panels
- Motor Control Panels
- Motor Generator Systems
- Equipment Buildings

Typical Applications:

- Prime Power
- Emergency Power
- Alternative Energy Distribution
- Electric, Water, & Waste Water Utilities
- Universities & Medical Centers
- Data Centers
- Grocery/Retail
- Marine/Off-shore Power

Advanced Power Technologies

For more information contact an
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Generator Quick Connect Tap Box

**PROVIDING A
COMPREHENSIVE APPROACH
TO RELIABLE POWER**

Generator Quick Connect Tap Box

APT understands there is not a 'one size fits all' for your power distribution needs. Generator Quick Connect Tap Boxes are customer customizable to suit your facility's needs.



Standard Configuration

- Wall-Mountable
- Rating: 400 – 4000A, 120/208-480V (3Ø)
- Color coded, male 'Cam-lok' E1016 compatible single pole receptacles with cover
- Silver plated copper bus with 1000A/in² current density connects permanent facility load feeders to industry standard 'Cam-lok' E1016 compatible receptacles
- NEMA standard hole pattern for permanent facility side connection
- Enclosure
 - UL[®] 50 Listed
 - NEMA 3R for outdoor installation
 - Carbon steel
 - Powder coated ANSI 61 Gray
 - Corrosion resistant hardware
 - Integral lower flip door allowing access to connect the mobile generator cables
 - Bottom door mechanically interlocked with front to prevent unauthorized access when not in use
- Typical Dimensions: 36"H x 30"W x 16"D

Optional Features

- Mechanical lugs for permanent facility side connection
- Circuit Breaker
 - Rating: 400 – 1200A, 480V, 65
- Kirk Key Interlocking
 - Prevents inadvertent paralleling of two sources
 - Kirk Key integration into circuit breaker and bottom flip door
 - Ship loose of matching locks for installation on customer's equipment
- Phase Rotation Monitoring
 - Insures mobile generator set phase rotation matches that of the facility
 - Provides visual assurance of correct phasing
 - Prevents circuit breaker from being closed if phase rotation is incorrect
- Contact APT to discuss any further site specific requirements including:
 - Floor-Standing Generator Quick Connection Switchboard
 - Automatic Load Transfer
 - Distribution Switchboards
 - Service Entrance Rated
 - Load Shed Contacts
 - Generator Paralleling
 - 5kV – 15kV Applications



Standard Product Configuration Budgeting Prices

• P/N: APN1583	400A	\$4,580.00
• P/N: APN1584	800A	\$4,890.00
• P/N: APN1585	1200A	\$5,200.00
• P/N: APN1586	1600A	\$5,500.00
• P/N: APN1632	2000A	\$5,850.00
• P/N: APN1633	2400A	\$6,150.00