

TALON™ APEX

LOAD BANKS

LEAD TIMES
IN WEEKS,
NOT MONTHS



Trailer-Mounted for On-The-Go Servicing

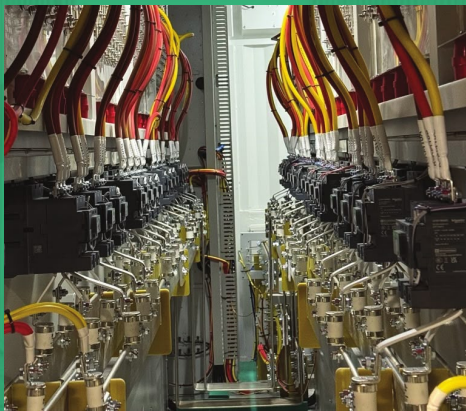
Resistance AC Load Banks

TALON Apex load banks are engineered for data center testing, commissioning, and system validation. Designed for pad mounted, rooftop, or trailer mounted installation, TALON Apex provides a dependable resistive load for verifying critical power and cooling infrastructure under controlled operating conditions.

Each unit features:

- Precise load application and flexible operation
- Standard manual push-button controls provide simple local operation
- Optional PC-based software control enables advanced load profiles
- Automated test sequences for efficient testing
- Data logging capabilities for analysis and reporting
- The capacity for complex testing and commissioning applications

TALON Apex load banks are designed with a rugged steel enclosure with isolated internal sections for controls, airflow, and load elements. This compartmentalized design helps protect electrical components from dirt, debris, and high-temperature airflow, supporting reliable long-term operation in demanding indoor and outdoor environments.



Clean Interior Layout for Easy Access

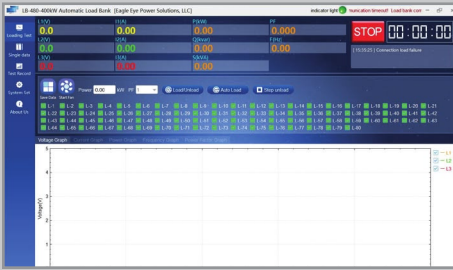


Doors for Easy Accessibility

Key Features

- Outdoor pad-mounted design for permanent generator, UPS, switchgear, and data center load testing
- Resistive load capacities up to 5MW with unity power factor operation
- Weather-resistant enclosure with powder-coated steel construction, stainless hardware, and protected louvers
- High-temperature Ni-Cr alloy resistors designed for stable load accuracy and long service life
- Flexible load step control for commissioning, maintenance, and acceptance testing
- Continuous-duty forced-air cooling for extended full-load testing
- Local and remote operation with optional software-based control and test sequencing
- Digital metering and reporting for voltage, current, frequency, kW, logging, and documentation
- Integrated protection circuits including airflow loss, over-temperature, over-voltage, wrong-voltage, branch fusing, blower protection, E-stop, and grounding
- Switchgear/BMS interface options for remote load dump, alarm contacts, and site integration

Advanced Load Control & Data Management Software



Integrated software interface for real-time monitoring, load step control, and test data visibility during AC load bank operation.

Single Data

Load	V	I	W	PF	Freq
100	0.0	0.0	0.0	0.0	0.0
200	0.0	0.0	0.0	0.0	0.0
300	0.0	0.0	0.0	0.0	0.0
400	0.0	0.0	0.0	0.0	0.0
500	0.0	0.0	0.0	0.0	0.0
600	0.0	0.0	0.0	0.0	0.0
700	0.0	0.0	0.0	0.0	0.0
800	0.0	0.0	0.0	0.0	0.0
900	0.0	0.0	0.0	0.0	0.0
1000	0.0	0.0	0.0	0.0	0.0

Displays real-time voltage, current, kW, kVAR, kVA, power factor, and frequency readings across multiple AC load bank sections during testing.

Technical Specifications

Voltage Versions	3-Phase 3-Wire w/ GND: 480 (nominal) or 240VAC 3P 3-Phase 4-Wire w/ GND: 480/277VAC 3P/1P (nominal) or 208/120VAC 3P/1P
kW Models	Up to 5MW
Frequency	50/60 Hz
Resolution	Down to 5kW
Configuration	Three Phase, 3-wire delta or 4-wire wye
Digital Display	LCD multiple function display meter
Communication	RS232/485, USB port provided
Cooling	Horizontal forced-air cooling
Environmental	-10 – 50°C (14 – 122°F), ≤95% RH
Control	Local panel control or laptop control
Accessories Included	• 30ft (10m) RS485 software cable • RS485/RS232/USB converter • Data management software

TALON Apex Applications

- AC Power System Commissioning, Startup & Recommissioning
- Generator Set (Gen Set) Commissioning, Acceptance Testing & Preventative Maintenance
- UPS Power System Testing & Validation
- Switchgear Testing & Verification
- OEM Factory Production Testing
- Product Research, Development & Endurance Testing
- Engine, Emissions & Gas Turbine Testing
- Renewable Energy System Testing (Solar & Wind)
- Locomotive Power System Testing
- Marine Power Generation System Testing
- Rental Fleet Power Generation Equipment Testing & Maintenance
- Critical Power Infrastructure Preventative Maintenance Programs



Available Color-Coded Cable Sets for Faster, Safer Connections

Get a Grip on Your
Power System Testing with

TALONTM APEX

LOAD BANKS

- ✓ Fastest Lead Times!
- ✓ Rugged Design!
- ✓ Responsive Support!

“These load banks help prove our large, critical power systems are ready to deliver the uncompromised uptime that our business relies on.”

-Gabe W.
Systems Engineer

Contact us for availability,
configuration options
and lead times!



eepowersolutions.com/talon-ac-load-banks