

K675

Our Advances, Your Benefit

The K675 is designed and built to incorporate the latest state-of-the art load bank features. This feature-rich load bank has a branch circuit fusing on all load steps and requires no cool down period after load is discontinued. Rated for outdoor use, the K675 not only combines the flexibility of multiple 3-phase rated voltages, but provides the best in class safety controls to ensure your test is successful.

PRODUCT ATTRIBUTES:

FLEXIBLE TEST PACKAGE

Rated at 600 and 480VAC

The Wye Configured K675 may be used at 480 or 600VAC 60HZ and when externally powered can be used between 50-400HZ. The K675's broad operational range supports various testing applications in a wide range of countries.

DYNAMIC SAFETY CONTROLS

Utility Loss and Site Load Correction

The system's dynamic safety controls detect when utility power is lost. This feature prevents overloads to the power source by immediately removing load. Reduce risk of damaging equipment, all while allowing you the flexibility to postpone your test while the tested power source is being used to temporarily power the facility.

READY FOR WHEREVER YOUR TEST TAKES YOU

Outdoor and Arctic Rated

The K675 solution is designed for testing in extreme climates and sub-zero temperatures, reducing your risk of needing to postpone testing due to unforeseen inclement weather.

AUTOMATE YOUR TEST

Sigma2 Remote System

Eliminate the need for constant surveillance during your test with the Sigma2 remote system. Control up to 13 remote units with included Auto Site Load Correction for safely removing and applying loads to any system under test.



Great for Testing
Generators
UPS Systems
Smaller Wind and Solar Grid Emulation Tests
Transformers and Switchgear

Commonly Paired With:
750KVA 13.8KV:480V Transformer
5/15KV Hayden 3Bay Switchgear (MV Applications Only)
330KVA-6.5MVA Dry Outdoor XFMR
K975S
16FT Utility Trailer
20FT Utility Trailer

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K675 Specifications

K675 Capabilities		
Load Bank Type	Load Steps	Max Load (KW)
Load Step: 600VAC	1KW, 2KW, 2KW, 5KW, 10KW, 10KW, 25KW, 50KW, (3x) 100KW	400
Load Step: 480VAC	.64KW, 1.3KW, 1.3KW, 3.2KW, 6.4KW, 6.4KW, 16KW, 32KW, (3x) 64KW	256

Specifications	
Fan Load (480VAC)	15A 60HZ 3Phase
Fan Load (600VAC)	15A 60HZ 3Phase
Connection Type	(2) 400A Camlock Panel Mounts Per Phase + (2) Neutral & (1) Ground
dBA	95 dB @ 3FT
Discharge	Horizontal with 45Deg Pitch (Upwards or downwards)
CFM	10,500
Max inlet Temp	120DegF
Weather Capability	NEMA 3R All weather conditions + Arctic Conditions

Sigma2 Remote System Capabilities	
Max number of units operated from one remote control device:	13
Max communication cable distance:	165FT (50M)
Operate via PC or IHT	
Easily log and extract test data onto a USB	
Develop specific load profiles for unit to automatically apply/remove load	
Site Load Correction(SLC) automatically applies load to prevent light-load on generators	

Logistics - Basic Shipping Requirements	
Minimum 4 Ton Forklift for loading and offloading unit from trailer	
Utility trailer may be requested; trailer requires Pintle hitch only	
When securing unit to a semi or utility trailer, chains must be run through the fork pockets; straps may not be used in any case to secure load bank	

Weights & Dimensions	
Length	61"
Width	47"
Height	51"
Weight	1100LBS

About ComRent

ComRent International offers technology and energy customers the most comprehensive load bank and service solution to interconnect systems faster, stay on time and budget and reduce risk. Through ComRent's global locations, 3,210 unit fleet and over 90 miles of cable, customers receive load banks faster and can confidently rely on ComRent exceptional service and industry knowledge to do testing right the first time. Fortune 50 data centers, electrical utilities, solar and wind developers, and oil and gas companies rely on ComRent to fulfill their testing and commissioning requirements.

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LOAD BANK SOLUTIONS

Our Knowledge, Your Power.