

AC PORTABLE AC

ACT400V-500kW

500 kW · 400 VAC

High-performance resistive load bank for generators, UPS and other power systems, with 12 adjustable load steps.



USED FOR

Generators UPS

DEPLOYED ON

- Sahayeb Data Centres (DC1, DC2, DC3) · 2.5 MW
- King Abdul Aziz Seaport · 300 kW
- King Salman Energy Park (SPARK) Dry Port · 80/90 kW

KEY FEATURES

- ✓ 500 kW capacity — 12-step adjustable resistive load
- ✓ Dual control — local manual operation for flexibility
- ✓ Efficient cooling — forced-air system prevents overheating
- ✓ Precision testing — real-time voltage, current and power measurement
- ✓ Advanced protection — overvoltage, overheating and emergency stop
- ✓ Durable and portable — robust casing with hoisting rings and forklift slots

Specifications from the manufacturer's datasheet. Confirm availability and configuration with PLS before ordering.

TECHNICAL SPECIFICATION

RATING	500 kW at 400 VAC, 3 phase 4 wire, 60 Hz
LOAD STEPS (kW)	1, 2, 2, 5, 10, 10, 20, 50, 100, 100, 200
CONTROL POWER	External & internal 400/380 V, 3 phase 4 wire, 60 Hz

DIMENSIONS & WEIGHT

LENGTH	WIDTH	HEIGHT	WEIGHT
1,100 mm	900 mm	1,200 mm	385 kg

ABOUT THIS LOAD BANK

The ACT400V-500kW Resistive Load Bank is a high-performance device for generators, UPS and other power systems, ensuring precise load evaluation and reliable performance.