

# Powercity

## Load Bank

**Model: PDL-50**

**50 KW Rated Load**



Load Banks made by Powercity are designed in conformance with European Standards and are certified by independent testing laboratory. Tested in conformity with European Standards EN 55011:2007 and EN 61000-4 and certified by SAPO Certification and Testing Laboratory Limited of United Kingdom with certificate number SP1001GZ1111416. Powercity Load Banks are designed to provide a stable and controllable load for determining the performance characteristics of AC generators. A load bank verifies the rated power of a generator set; it verifies if the engine is properly sized of has the sufficient mechanical power (kWm) to the drive the alternator at full load; it checks the efficiency of the cooling system; it detects problems of the generator; it decarbonizes engine and prevents wet stacking of diesel engine in generators operating on light load.

### Features:

- Resistive load elements.
- 50 Kilowatts rated load with variable adjuster.

- Toggle switch for accurate fixed load steps.
- Digital display for Power, Voltage, Frequency and Power Factor.

### Specifications

Model:	PDL-50
Rated load:	50 Kilowatts
Phase:	3-Phase
Rated voltage:	180-240 AC
Rated frequency:	50 Hz / 60 Hz
Enclosure:	NEMA 1
Dimensions (mm) L x W x H	720 x 1050 x 1350
Weight (Kg):	260

Note: Due to continuous product improvement, the manufacturer reserves the right to change the design or specification without notice and without any obligation or liability whatsoever.

### Standards

EN 55011:2007 - Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement.

EN 61000-4 – Electromagnetic Compatibility

### Quality Assurance:



ISO 9001:2008

Certificate No. U13Q2GZ682452F1M

Manufactured by:

**Powercity Electromechanical & Equipment Co Ltd**  
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Made in China