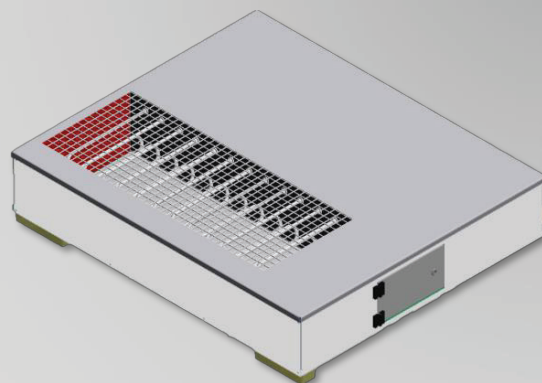
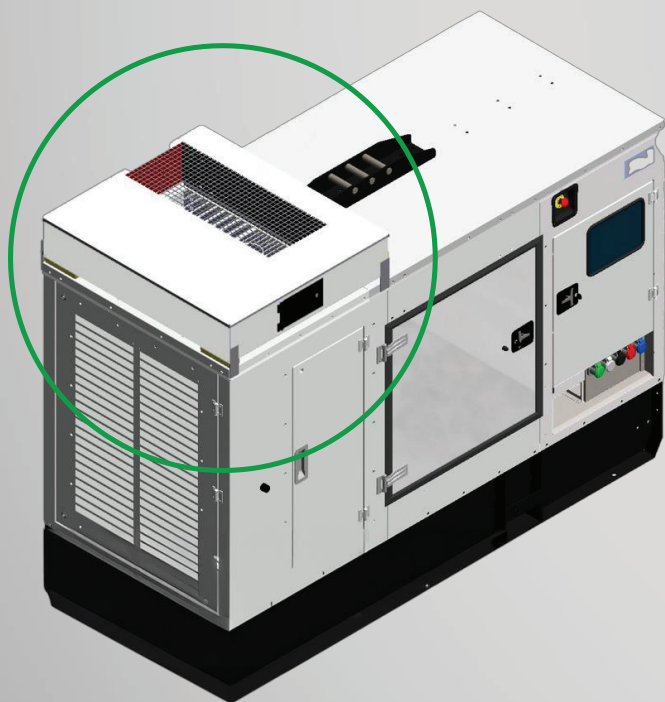


LOAD BANKING SYSTEM

MULTI-PHASE / 60Hz

in **GeniUS**

MADE IN ITALY



THE LOAD BANK
SYSTEM BY
TECNOGEN

IT HELPS PREVENTING SOME ISSUES
OF T4F ENGINES CAUSED BY LIGHT LOADING



WET
STACKING



REGEN
LOCKOUT



MANAGING
LIGHT LOADING



ENGINE
COMPONENT
DAMAGE

IT CONTRIBUTES IN



LESS
MAINTENANCE
COSTS



REDUCING CO₂
POLLUTION

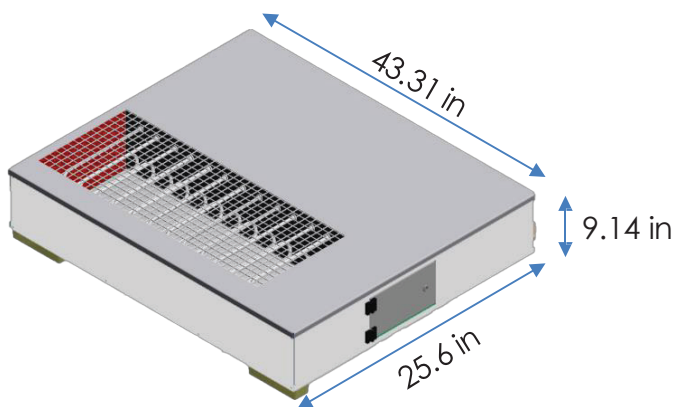
FEATURES

- ❖ AUTOMATIC PHASE & VOLTAGE SENSING
- ❖ FULLY COMPATIBLE WITH CURRENT GENERATOR MODELS
- ❖ ROOF MOUNT WITH VERTICAL AIR DISCHARGE
- ❖ INDIVIDUAL LOAD STEP ON/OFF SWITCHES FOR MANUAL TESTING
- ❖ HEAVY-DUTY STEEL ENCLOSURE
- ❖ EXTREMELY COMPACT DIMENSIONS

LOAD BANKING SYSTEM

MULTI-PHASE / 60Hz

in **Genius**



Examples of dimensions
for **LDBX1** models

- **Simplicity of design:** by using the radiator's outflow air to cool the resistive load elements, many traditional load bank components are not required (fan, motor, motor starters, motor control and protection logic, etc).
- **Reduced size and cost:** by eliminating the need for a fan, motor and associated equipment, the load bank size and cost are dramatically reduced.
- **Reduced airflow and noise:** by using the radiator's outflow air, the load bank does not require a separate fan to produce cooling air.
- **Lower airflow temperature:** a radiator-mounted load bank's exhaust air temperature is lower, relative to a standard freestanding load bank.

LOAD BANK SYSTEM							
Nominal power rated at 480V - THREE-PHASE / 60Hz							
Model	Genset Model	Nominal Power [kW]	Power steps at nominal voltage				Dimensions LxWxH [in]
			step1 [kW]	step 2 [kW]	step 3 [kW]	step4 [kW]	
LDBX1-P20-480	KL80TSX	20	10	20			25.6x43.31x9.14
LDBX1-P40-480	FP130TSX - FP170TSX	40	10	20	30	40	25.6x43.31x9.14
LDBX4-P60-480	FP170TSX - FP225TSX	60	15	30	45	60	41.97x43.82x13.07
LDBX3-P100-480	FP250TSX-FP330TSX - FP420TSX	100	30	45	75	105	59.45x47.48x10

The **Load Bank System** by **TECNOGEN** has been designed to address wet stacking and light loading challenges encountered by Tier 4 engines.

TECNOGEN has engineered a unique load bank that automatically fine-tunes generator load to maximize operational efficiency and reliability.

Additionally, the Load Bank System empowers users to increase generator load by up to 30%. If the load drops below 30% of the generator's power, the system automatically activates to stabilize performances. The load bank is able to detect phase and voltages switche or ongoing maintenance. **TECNOGEN** loadbank gives customers more versatility in the use of the generator.

Technical data not binding

 **MADE IN ITALY**