



TIER4  
SIMUL-PHASE®

MORE INFO



# DGK125F 65 DB(A) INDUSTRIAL GENERATOR

## POWER THAT NEVER QUILTS

### POWERFUL FEATURES

#### Built to Endure. Powered to Perform.

- Fuel-efficient diesel engines, built-in overload protection, and a rugged, weather-resistant enclosure ensure lasting performance and reliability—no matter the conditions.

#### Power That Adapts.

- Simul-Phase® technology delivers both single and three-phase output simultaneously, with 120/240V single-phase available at every voltage setting for unmatched versatility on the job.
- Includes priority trip breakers equipped with separate breakers for single and three-phase loads, with user-selectable priority to protect preferred output during overloads.

#### S.E.T. Smart Emissions Technology™.

- Added protection during light or underloaded operation.



### ACCESSORIES

- Trailer
- Block heater
- Battery charger
- Cam-locks

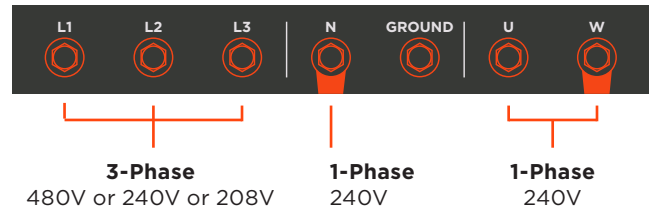
### ULTRA-QUIET DESIGN

- ECHO industrial generators deliver powerful performance with minimal sound.
- Air dams and insulated panels redirect cooling air, by doubling the length of travel, to minimize airflow noise without the need for power-robbing auxiliary fans.
- The enclosure is built with heavy-gauge door panels and specially engineered sound-absorbing foam, delivering reduced noise levels and enhanced structural rigidity.
- A specially-tuned muffler and a longer exhaust pipe reduce the impact of high and low noise frequencies.

### SIMUL-PHASE® CAPABILITIES

Power 1-Phase and 3-Phase loads at the same time without the need of adding a transformer.

Simul-Phase® unique split buss:



GENERATOR	
Generator Type	Revolving field brushless AC
Continuous output, 3-phase	100kW (125kVA)
Continuous output, 1-phase	75kW
Standby output, 3-phase	110kW
Voltage, 3-phase (switchable)	208V, 240V, 480V
Voltage, 1-phase (switchable)	120V, 240V
Amps, 3-phase, 208V	347A
Amps, 3-phase, 240V	301A
Amps, 3-phase, 480V	150A
Amps, 1-phase, 120V	313A x 2 (156A x 2, 480V)
Amps, 1-phase, 240V	313A (156A, 480V)
Rated frequency-regulation	60Hz ±0.15%
Rated speed, 60Hz	1800 rpm
Sound level, no load at 23 feet	65 db
Sound level, full load at 23 feet	66 db
DIESEL ENGINE	
Make, model and type	ISUZU 4HK1X
Emission certification	US EPA tier 4 final
Design features	Direct injection, turbocharged, DOC and SCR
Displacement	316 cu.in. (5,193L)
Continuous rated output	152.3hp (113.6kW) @1800rpm (60Hz)
Starting system	Electric 12V DC
Internal fuel capacity, 110% full fluid containment	171.7gal (650L)
Fuel consumption, full load	7.1gal/hr (26.9L/hr)
Fuel consumption, 3/4 load	5.5gal/hr (20.7L/hr)
Fuel consumption, 1/2 load	3.9gal/hr (14.7L/hr)
Fuel consumption, 1/4 load	2.1gal/hr (9.1L/hr)
Total coolant capacity	8.2gal (31L)
Total oil capacity	6.2gal (23.5L)
DEF tank capacity	7.4gal x 2 (28L x 2)
PHYSICAL CHARACTERISTICS	
Dimensions (L x W x H)	120" x 48.8" x 59.1" (3050 x 1240 x 1500mm)
Unit dry weight	6592 lbs (2990kg)
Trailer unit dimensions (L x W x H)	189.89" x 79.75" x 91.23" (4823 x 2026 x 2317 mm)
Trailer unit dry weight	8117 lbs (3682kg)

## POWER DISTRIBUTION

USABLE POWER OUTPUT UP TO 75kW, AS SHOWN BELOW

SINGLE PHASE										
3 wire output terminal			GFCI receptacle				50A Twistlock receptacle			Total:
U-W	U-N	W-N	CON1	CON2	CON3	CON4	CON5	CON6	CON7	
240V	120V	120V	120V		120V		120/240V			75 [37.5]
75 [37.5]	37.5 [18.5]	37.5 [18.5]	2.4		2.4		12	12	12	

\* Figures in brackets are used when set to 480 V.

