65 db(A)

SIMULPHASE TECHNOLOGY TIER 4

kwiet POWER

# DGK180F

For over 70 years Shindaiwa has been a legendary leader in power equipment. Our high-quality and reliable generators are built in Japan and distributed by our US parent company, ECHO Incorporated, headquartered in Lake Zurich, Illinois.

For further details, please feel free to contact us by phone at 1-877-9-TORQUE, or email us at ips@echo-usa.com.

## Ultra-Quiet Features

- 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 features heavy-gauge door panels along with specially-engineered, sound-absorbing foam. The result is lower sound levels as well as increased unit rigidity.
- A specially-tuned muffler and a longer exhaust pipe improve the tolerance of high and low noise frequencies.

## Accessories

- Trailer
- Block heater
- Battery charger
- Cam-Loks

S.E.T. Smart Emissions Technology™ Included

## THE MOST QUIET AND RELIABLE GENERATORS IN THE INDUSTRY.

877.986.7783
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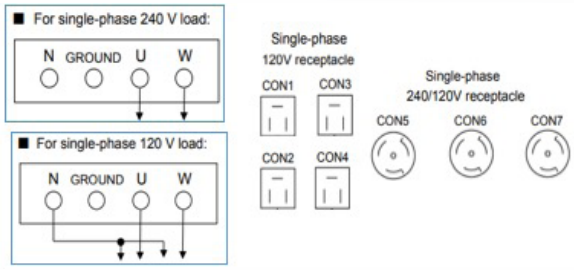
shindaiwa®

| GENERATOR | |
|---|---|
| Genarator type | Revolving Field Brushless AC |
| Continuous output, 3 phase | 144kW (180kVA) |
| Continuous output, 1 phase | 108kW |
| Standby output, 3 phase | 158kW |
| Voltage, 3 phase (switchable) | 208V, 240V, 480V |
| Voltage, 1 phase | 120V, 240V |
| Amps, 3 phase, 208V | 500A |
| Amps, 3 phase, 240V | 433A |
| Amps, 3 phase, 480V | 216A |
| Amps, 1 phase, 120V | 450A x 2 (225A x 2, 480V) |
| Amps, 1 phase, 240V | 450A (225A, 480V) |
| Rated Frequency-Ragulation | 60Hz ±0.15% |
| Rated speed, 60Hz | 1800 rpm |
| Sound level, no load at 23 feet | 65 db |
| Sound level, full load at 23 feet | 65 db |
| **DIESEL ENGINE** | |
| Make, model and type | ISUZU 6HK1 |
| Emission certification | US EPA Tier4 Final |
| Design features | Direct injection, Turbocharged, DOC and SCR |
| Displacement | 475 cu.in. (7,790L) |
| Continuous rated output | 227.3hp (169.5kW) @1800rpm (60Hz) |
| Starting system | Electric 24V DC |
| Internal fuel capacity | 275gal (1042L) |
| Fuel consumption, full load | 10.3gal/hr (39.1L/hr) |
| Fuel consumption, 3/4 load | 7.8gal/hr (29.6L/hr) |
| Fuel consumption, 1/2 load | 5.6gal/hr (21.3L/hr) |
| Fuel consumption, 1/4 load | 3.6gal/hr (13.8L/hr) |
| Total coolant capacity | 8.7gal (33L) |
| Total oil capacity | 10.5gal (40L) |
| DEF tank capacity | 7.3gal x 2 (28L x 2) |
| **PHYSICAL CHARACTERISTICS** | |
| Dimensions (L x W x H) | 143.7" x 52.8" x 87.8" (3650 x 1340 x 2230mm) |
| Unit dry weight | 9370 lbs (4250kg) |

## POWER DISTRIBUTION *Figures in brackets are used when set to 480V

Use is possible up to the 108kW 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 | | | 108 [54] |
| 108 [54] | 54 [27] | 54 [27] | 2.4 | | 2.4 | | 12 | 12 | 12 | |