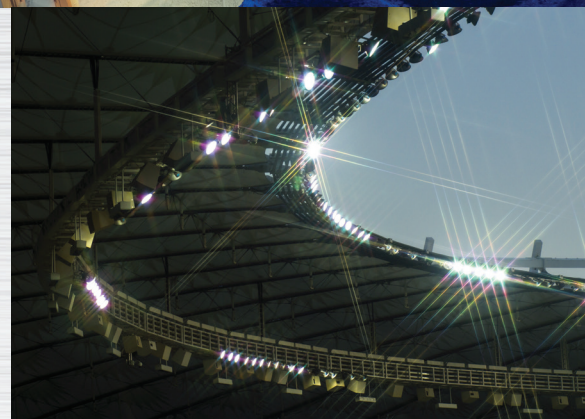




DGK45F

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 auxillary 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
- Auto-start
- Cam-Loks

GENERATOR

Generator Type	Revolving Field Brushless AC
Continuous output, 60Hz, 3 phase	36kW (45kVA)
Continuous output, 1 phase	27kW (27kVA) [13.5kW(13.5kVA)]
Standby output, 3 phase	40kW (50kVA)
Voltage, 3 phase (switchable)	240 [480V]
Voltage, 1 phase (switchable)	120, 139, 240 [277V]
Amps, 1 phase, 120V	112A x 2 [56A] (zig-zag-w)
Amps, 1 phase, 240V	112A [56A] (zig-zag-w)
Amps, 3 phase, 240V	108A
Amps, 3 phase, 480V	54A
Rated Frequency - Regulation	60Hz \pm 0.25%
Rated speed, 60Hz	1800 rpm
Sound level, no load at 23 feet	63 dB(A)
Sound level, full load at 23 feet	66 dB(A)

DIESEL ENGINE

Make, model and type	Isuzu 4LE2X, 4 cylinder
Emission certification	US EPA Tier 4 Final
Design features	Direct Injection, Turbocharged, intercooler
Displacement	133 cu. in. (2.179 L)
Continuous rated output	59 hp @ 1800 rpm
Starting system	Electric 12V DC
Internal fuel capacity	79 gallons (300L)
Fuel consumption, full load	2.8 gal./hr (10.7L/hr)
Fuel consumption, 3/4 load	2.1 gal./hr (8.2L/hr)
Fuel consumption, 1/2 load	1.5 gal./hr (5.9L/hr)
Fuel consumption, 1/4 load	0.9 gal./hr (3.8L/hr)
Total coolant capacity	2.9 gallons (11L)
Total oil capacity / oil class	3.0 gal. (11.5L)

PHYSICAL CHARACTERISTICS

Dimensions (L x W x H)	83" x 37" x 61" (2100 x 950 x 1550mm)
Unit dry weight	2634 lbs (1195kg)

Use is possible up to the kVA as shown below

1 phase, 3 wire output terminal	1 phase 120 V receptacle				1 phase 240/120 V receptacle			Total
	CON1	CON2	CON3	CON4	CON5	CON6	CON7	
U-W	27/ [13.5]	Total 2.4	Total 2.4		12	12	12	27/ [13.5]
U-N	13.5 [6.75]							13.5/ [6.75]
W-N	13.5 [6.75]							13.5/ [6.75]

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

