



# POWER THAT NEVER QUILS.

RELIABLE EQUIPMENT FOR  
YOUR CRITICAL MOBILE POWER NEEDS



# GENERATOR OVERVIEW

## 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.

### Built for Simple, Smart Operation.

- From intuitive controls to a voltage selector switch with lockout protection, every feature is designed for ease of use and extended run times—even when connecting to auxiliary tanks.

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

- Added protection during light or underloaded operation. (Available on DGK70F, DGK125F, and DGK180F units only)

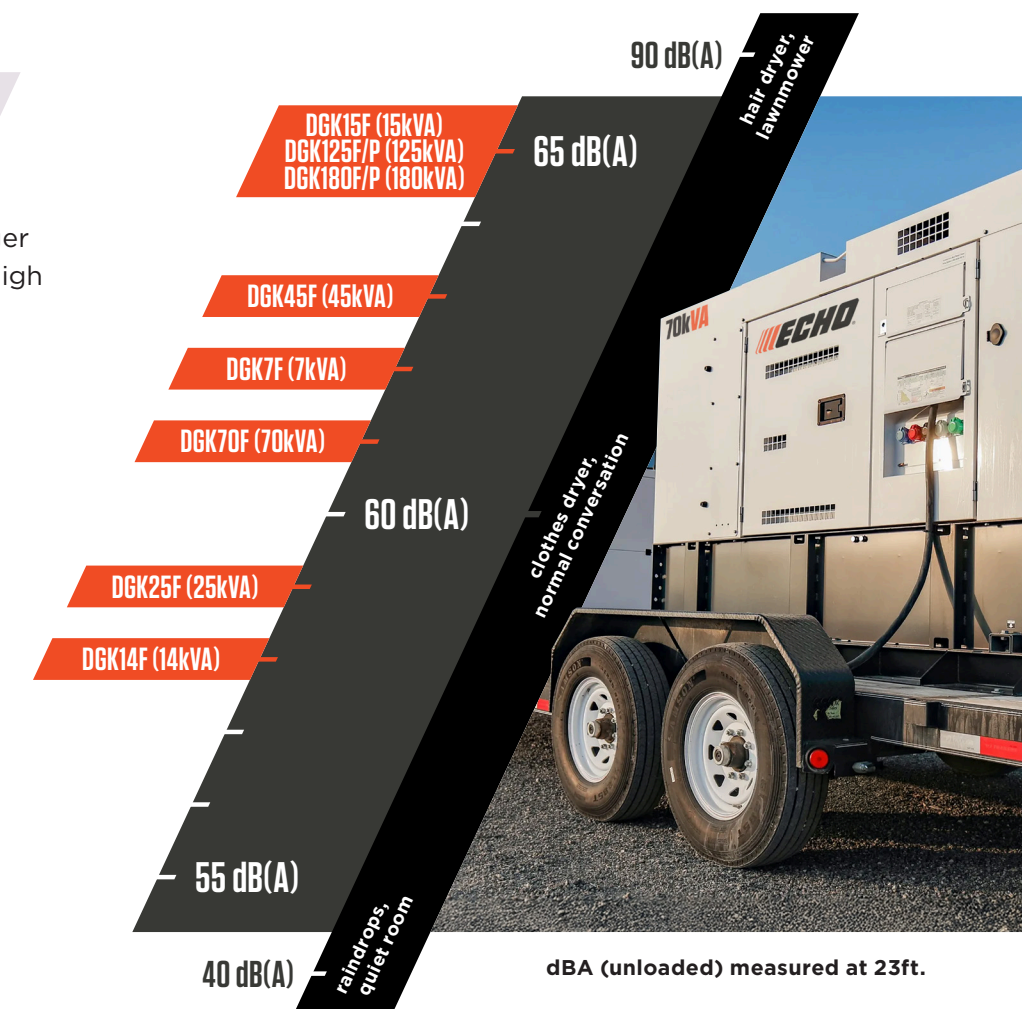
### Ideal for Rental & Service Fleets

- Engineered for dependable operation in temporary, mobile, or remote-use environments.
- Industry standard options and customizable configurations available to meet specific application requirements.



## ULTRA QUIET DESIGN

- A specially tuned muffler and a longer exhaust pipe reduce the impact of high and low noise frequencies.
- 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.
- ECHO industrial generators deliver powerful performance with minimal sound.

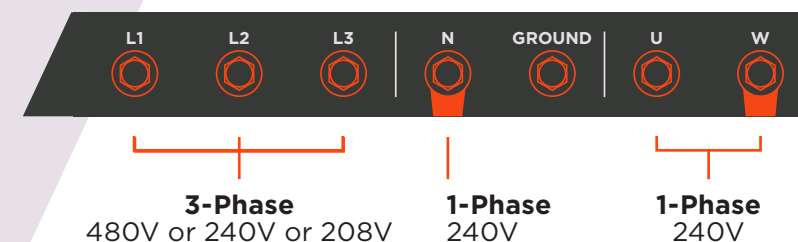


## SIMUL-PHASE® CAPABILITIES

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

### Simul-Phase® unique split bus:





# PARALLELING GENERATORS

## SCALABLE, EFFECIENT, AND RELIABLE POWER SOLUTIONS

ECHO paralleling generators deliver scalable fuel-efficient power with advanced management features, making them a smart, cost-effective alternative to traditional single-engine systems. Built for commercial, industrial, and rental applications, these units offer mission-critical reliability, operational flexibility, and reduced environmental impact for professionals who demand performance without compromise.

### Scalable Power

- Supports paralleling of up to 32 generators to meet high load requirements or enhance system redundancy (N+1).

### Durability & Connectivity

- Equipped with ABB industrial contactors, cam-lock and bus bar connections for quick setup and secure power distribution.

### Extended Runtime

- Up to 24 hours of continuous operation with 110% spill containment for safe, long-lasting performance.
- 3-way valve for quick selection between 24-hour internal tank or auxiliary fuel source.

### Simul-Phase®

- Available on select single-unit models for non-paralleling applications requiring versatile phase output.

### Smart Control Features

- Includes push-button voltage adjustment, optional GPS integration, and remote communication capabilities.

### Flexible Voltage Options

- Support for three-phase paralleling in 480V, 240V, or 208V applications.



Paralleling Controls



Sync Scope



ComAp Digital Controls with IV5 Monitor



INCLUDED

Cable, Control  
3 Pin connection  
(for paralleling)

ECHO PARALLELING GENERATORS OFFER  
A BENEFICIAL COST ALTERNATIVE  
TO SINGLE ENGINE SOLUTIONS.



DGK7F



DGK14F



DGK15F

SIMUL-PHASE™ TECHNOLOGY



DGK15FL

SIMUL-PHASE™ TECHNOLOGY

GENERATOR				
Generator type	Revolving Field Brushless AC	Revolving Field Brushless AC	Revolving Field Brushless AC	Revolving Field Brushless AC
Continuous output, 60Hz, 3 phase	-	-	12kW (15kVA)	12kW (15kVA)
Continuous output, 1 phase	6.5kW	14kW (14kVA)	12kW (12kVA)	12kW (12kVA)
Standby output, 3 phase	Single Phase 7.2kW	Single Phase 14.7kW (14.7kVA)	13.2kW (16.5kVA)	13.2kW (16.5kVA)
Voltage, 3 phase (switchable)	-	-	240/208	240/208
Voltage, 1 phase (switchable)	-	120,240	120,240	120,240
Amps, 1 phase, 120V	54A	58.3A x 2	50.0A x 2 (zig-zag-w)	50.0A x 2 (zig-zag-w)
Amps, 1 phase, 240V	27A	58.3A	50.0A (zig-zag-w)	50.0A (zig-zag-w)
Amps, 3 phase, 240V	-	-	36.1A	36.1A
Amps, 3 phase, 480V	-	-	-	-
Rated Frequency - Regulation	60Hz ± 0.25%	60Hz ± 0.25%	60Hz ± 0.25%	60Hz ± 0.25%
Rated speed, 60Hz	3600 rpm	1800 rpm	3600 rpm	3600 rpm
Sound level, no load at 23 feet	62 dB(A)	58 dB(A)	65 dB(A)	65 dB(A)
Sound level, full load at 23 feet	64 dB(A)	60 dB(A)	67 dB(A)	67 dB(A)
Paralleling Option	-	-	-	-
DIESEL ENGINE				
Make, model and type	Kubota Z482	Kubota D1503, 3 cylinder	Kubota D902, 3 cylinder	Kubota D902, 3 cylinder
Emission certification	US EPA Tier 4 Final	US EPA Tier 4 Final	US EPA Tier 4 Final	US EPA Tier 4 Final
Design features	Indirect injection, Naturally aspirated	Indirect injection	Indirect injection	Indirect injection
Displacement	29.23 cu. in. (1.479 L)	91 cu. in. (1.499 L)	54.8 cu. in. (0.898 L)	54.8 cu. in. (0.898 L)
Continuous rated output	11.3 hp (8.4kW) @ 3600 rpm	19.5 hp @ 1800 rpm	20.7 hp @ 3600 rpm	20.7 hp @ 3600 rpm
Starting system	Electric 12V DC	Electric 12V DC	Electric 12V DC	Electric 12V DC
Internal fuel capacity	9.5 gallons (36.4 L)	34.3 gallons (130 L)	9.62 gallons (36.4 L)	60 gallons (227L)
Fuel consumption, full load	0.68 gal./hr (2.6 L/hr)	1.37 gal./hr (5.2 L/hr)	1.24 gal./hr (4.7 L/hr)	1.24 gal./hr (4.7 L/hr)
Fuel consumption, 3/4 load	0.55 gal./hr (2.1 L/hr)	1.00 gal./hr (3.8 L/hr)	1.03 gal./hr (3.9 L/hr)	1.03 gal./hr (3.9 L/hr)
Fuel consumption, 1/2 load	0.47 gal./hr (1.8 L/hr)	0.71 gal./hr (2.7 L/hr)	0.85 gal./hr (3.2 L/hr)	0.85 gal./hr (3.2 L/hr)
Fuel consumption, 1/4 load	0.36 gal./hr (1.4 L/hr)	0.50 gal./hr (1.9 L/hr)	0.66 gal./hr (2.5 L/hr)	0.66 gal./hr (2.5 L/hr)
Total coolant capacity	1.04 gallons (4.0 L)	2.3 gallons (8.8 L)	1.06 gallons (4 L)	1.1 gallons (4.1L)
Total oil capacity / oil class	0.68 gallons (2.6L)	1.9 gallons (7.3 L)	0.95 gallons (3.6 L)	0.95 gallons (3.6L)
PHYSICAL CHARACTERISTICS				
Dimensions (L x W x H)	42.7" x 25" x 34.9" (1095 x 640 x 895 mm)	55" x 28" x 47" (1390 x 704 x 1204 mm)	51.6" x 25.2" x 35.2" (1310 x 640 x 895 mm)	52.1" x 27.8" x 50.2" (1325 x 705 x 1295 mm)
Unit dry weight	744 lbs (335 kg)	1378 lbs (625 kg)	926 lbs (420 kg)	1190 lbs (540kg)





DGK20FS



DGK25F



DGK36FS



DGK45F

GENERATOR				
Generator type	Revolving Field Brushless AC	Revolving Field Brushless AC	Revolving Field Brushless AC	Revolving Field Brushless AC
Continuous output, 60Hz, 3 phase	-	20kW (25kVA)	-	36kW (45kVA)
Continuous output, 1 phase	20kW	15kW (15kVA) [7.5kW(7.5kVA)]	36kW	27kW (27kVA) [13.5kW(13.5kVA)]
Standby output, 3 phase	-	22kW (27.5kVA)	-	40kW (50kVA)
Voltage, 3 phase (switchable)	-	208, 240, 480	-	208, 240, 480
Voltage, 1 phase (switchable)	120, 240	120, 139, 240 [277V]	120,240	120, 139, 240 [277V]
Amps, 1 phase, 120V	83.3A [83.3A] (zig-zag-w)	62.5A x 2 [31.3A] (zig-zag-w)	150A [150A] (zig-zag-w)	112A x 2 [56A] (zig-zag-w)
Amps, 1 phase, 240V	83.3A [83.3A] (zig-zag-w)	62.5A [31.3A] (zig-zag-w)	150A [150A] (zig-zag-w)	112A [56A] (zig-zag-w)
Amps, 3 phase, 240V	-	60A	-	108A
Amps, 3 phase, 480V	-	30A	-	54A
Rated Frequency - Regulation	60Hz ±0.25%	60Hz ±0.25%	60Hz ±0.25%	60Hz ±0.25%
Rated speed, 60Hz	1800 rpm	1800 rpm	1800 rpm	1800 rpm
Sound level, no load at 23 feet	62 dB(A)	59 dB(A)	65 dB(A)	63 dB(A)
Sound level, full load at 23 feet	65 dB(A)	62 dB(A)	67 dB(A)	66 dB(A)
Paralleling Option	-	-	-	-
DIESEL ENGINE				
Make, model and type	Isuzu 4LE2T, 4 cylinder	Isuzu 4LE2T, 4 cylinder	Isuzu 4LE2X, 4 cylinder	Isuzu 4LE2X, 4 cylinder
Emission certification	US EPA tier 4 Final	US EPA Tier 4 Final	US EPA Tier 4 Final	US EPA Tier 4 Final
Design features	Direct Injection, turbocharged	Direct Injection, turbocharged	Direct Injection, turbocharged, intercooler	Direct injection, Turbocharged, intercooler
Displacement	133 cu. in. (2.179 L)	133 cu. in. (2.179 L)	133 cu. in. (2.179 L)	133 cu. in. (2.179 L)
Continuous rated output	33 hp @ 1800 rpm	33 hp @ 1800 rpm	59 hp @ 1800 rpm	59 hp @ 1800 rpm
Starting system	Electric 12V DC	Electric 12V DC	Electric 12V DC	Electric 12V DC
Internal fuel capacity	51.5 gallons (195L)	51.5 gallons (195 L)	79 gallons (300L)	79 gallons (300 L)
Fuel consumption, full load	1.6 gal./hr (6.1 L/hr)	1.6 gal./hr (6.1 L/hr)	2.8 gal./hr (10.7L/hr)	2.8 gal./hr (10.7 L/hr)
Fuel consumption, 3/4 load	1.2 gal./hr (4.64 L/hr)	1.2 gal./hr (4.64 L/hr)	2.1 gal./hr (8.2L/hr)	2.1 gal./hr (8.2 L/hr)
Fuel consumption, 1/2 load	0.9 gal./hr (3.6 L/hr)	0.9 gal./hr (3.6 L/hr)	1.5 gal./hr (5.9L/hr)	1.5 gal./hr (5.9 L/hr)
Fuel consumption, 1/4 load	0.7 gal./hr (2.5 L/hr)	0.7 gal./hr (2.5 L/hr)	0.9 gal./hr (3.8L/hr)	0.9 gal./hr (3.8 L/hr)
Total coolant capacity	2.6 gallons (10 L)	2.6 gallons (10 L)	2.9 gallons (11L)	2.9 gallons (11 L)
Total oil capacity / oil class	2.7 gallons (10.4L)	3.0 gallons (11.5 L)	3.0 gallons (11.5L)	3.0 gallons (11.5 L)
PHYSICAL CHARACTERISTICS				
Dimensions (L x W x H)	63" x 33" x 55" (1603 x 850 x 1400 mm)	63" x 33" x 55" (1603 x 850 x 1400 mm)	83" x 37" x 61" (2100 x 950 x 1550 mm)	83" x 37" x 61" (2100 x 950 x 1550 mm)
Unit dry weight	1929 lbs (875kg)	1929 lbs (875 kg)	2620 lbs (1195kg)	2634 lbs (1195 kg)



DGK70F



DGK125F/P



DGK180F/P

GENERATOR			
Generator type	Revolving Field Brushless AC	Revolving Field Brushless AC	Revolving Field Brushless AC
Continuous output, 60Hz, 3 phase	56kW (70kVA)	100kW (125kVA)	144kW (180kVA)
Continuous output, 1 phase	42kW [21kW]	75kW	108kW
Standby output, 3 phase	61.6kW (77kVA)	110kW (137.5kVA)	158kW (198kVA)
Voltage, 3 phase (switchable)	208, 240, 480	208, 240, 480	208, 240, 480
Voltage, 1 phase (switchable)	120V, 139, 240 [277V]	120,240	120,240
Amps, 1 phase, 120V	175A x 2 [87.5A x 2] (zig-zag-w)	313A x 2 (156A x 2, 480V)	62.5A x 2 [31.3A] (zig-zag-w)
Amps, 1 phase, 240V	175A [87.5A] (zig-zag-w)	313A (156A, 480V)	62.5A [31.3A] (zig-zag-w)
Amps, 3 phase, 240V	168A	301A	433A (500A @ 208V)
Amps, 3 phase, 480V	84A	150A	216A
Rated Frequency - Regulation	60Hz ±0.25%	60Hz ±0.15%	60Hz ±0.15%
Rated speed, 60Hz	1800 rpm	1800 rpm	1800 rpm
Sound level, no load at 23 feet	61 dB(A)	65 dB(A)	65 dB(A)
Sound level, full load at 23 feet	62 dB(A)	66 dB(A)	65 dB(A)
Paralleling Option	-	Yes	Yes
DIESEL ENGINE			
Make, model and type	Isuzu 4JJ1X 4 cylinder	ISUZU 4HK1X	ISUZU 6HK1
Emission certification	US EPA tier 4 Final	US EPA Tier 4 Final	US EPA Tier 4 Final
Design features	Direct Injection, turbocharged, intercooler, DOC and SCR	Direct injection, turbocharged, DOC and SCR	Direct Injection, Turbocharged, DOC and SCR
Displacement	183.0 cu. in. (2.999 L)	316 cu.in. (5,193L)	475 cu. in. (7,790 L)
Continuous rated output	95.2 hp (71.0kW) @ 1800 rpm (60Hz)	152.3hp (113.6kW) @1800rpm (60Hz)	227.3 hp (169.5kW) @ 1800 rpm (60Hz)
Starting system	Electric 12V DC	Electric 12V DC	Electric 24V DC
Internal fuel capacity	105 gallons (400L)	171.7gal (650L) (DEF 7.4 gal.)	275 gallons (1042 L) (DEF 14.6 gal.)
Fuel consumption, full load	4.4 gal./hr (16.6L/hr)	7.1 gal/hr (26.9L/hr)	10.3 gal./hr (39.1 L/hr)
Fuel consumption, 3/4 load	3.4 gal./hr (13.1L/hr)	5.5 gal/hr (20.7L/hr)	7.8 gal./hr (29.6 L/hr)
Fuel consumption, 1/2 load	2.5 gal./hr (9.5L/hr)	3.9 gal/hr (14.7L/hr)	5.6 gal./hr (21.3 L/hr)
Fuel consumption, 1/4 load	1.8 gal./hr (6.4L/hr)	2.1 gal/hr (9.1L/hr)	3.6 gal./hr (13.8 L/hr)
Total coolant capacity	3.7 gallons (14.0L)	8.2 gallons (31L)	8.7 gallons (33 L)
Total oil capacity / oil class	4.0 gallons (15.0L)	6.2 gallons (23.5L)	10.5 gallons (40 L)
PHYSICAL CHARACTERISTICS			
Dimensions (L x W x H)	102" x 37.5" x 69" (2590 x 951 x 1751 mm)	120" x 48.8" x 59.1" (3050 x 1240 x 1500 mm)	143.7" x 52.8" x 87.8" (3650 x 1340 x 2230 mm)
Unit dry weight	3898 lbs (1754kg)	6592 lbs (2990kg)	9370 lbs (4250kg)





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Authorized ECHO Generator Dealer