

AlphaGen™ DCX3000

Portable 3.0kW 36/48VDC Generator System for Emergency Backup



- DC technology requires no Automatic Transfer Switch (ATS)
- No need to disconnect or reconnect power supply to utility power
- Selectable output for 36 or 48VDC operation up to 3000W
- Super quiet operation, only 65dBa @ 7m (22ft)
- Completely enclosed, water resistant for safe operation in the field
- Oversized metal gas tank with level gauge for extended runtimes of up to 20hrs
- Optional remote monitor cable

Alpha expands its generator family to include a portable 3.0kW DC generator.

The compact, lightweight AlphaGen DCX3000 generator is designed specifically for powering cable television, telecommunications and broadband applications that do not have integrated generators as a primary component of the power system.

The portable generator incorporates several technological advantages including: 36 or 48V selectable dual voltage output based on Permanent Magnet Generator (PMG)

technology, 3000W of power and oversized fuel tank for up to 20hrs of runtime at 25% load or 7.2hrs at 100% load.

Additional features include a convenient front panel with a keyed on/off switch, output connector, output indicators, voltmeter, fuel valve and engine choke.

Details	
Part Number:	041-028-10
Engine:	Honda GX 200 (6.5hp, air-cooled, OHV, single cylinder, manual recoil starting, manual choke)
Rated Power:	2800W continuous, 3000W maximum
Alternator:	Permanent magnet, brushless, bearingless

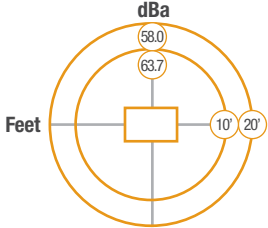
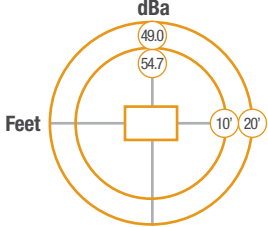
Dual Range Selector	
36V:	39.5VDC nominal at generator output connector
48V:	52.5VDC nominal at generator output connector
Output Regulation:	1VDC
Control Features:	<ul style="list-style-type: none"> • Automatic voltage regulation • Electronic governor • Over current protection • Analog voltmeter with back light
Cable Interface:	Anderson type SBE-80 connector
Fuel Tank:	3.4 gallon metal tank with level gauge
Altitude:	5000 ft / 1500m Note: If operation above 5000ft/305m is required, please consult factory. See operator's manual for more information on high altitude operation.

Runtime	
@ 25% Load:	20hrs
@ 80% Load:	10hrs
@ 100% Load:	7.2hrs
Audible Noise:	Approximatley 65dBa @ 7m under full load
Frame:	Fully enclosed
Dry Weight (lbs/kg):	Less than 118 / 53.5
Dimensions H x W x D (in/mm):	22 x 17.6 x 25.9 / 569 x 480 x 655
Agency:	CSA C22.2 No. 100-95, 107.1-01, 107.2-M89, 0.4, FCC part 15B Class A, US forestry approved spark arrestor

Required Accessories	
Output Interface Cable:	 <ul style="list-style-type: none"> • 10' P/N 875-324-22 • 30' P/N 875-324-20 • 50' P/N 875-324-21
Battery Interface Cable (choose one):	 <p>Ring Lug Battery Interface:</p> <ul style="list-style-type: none"> • P/N 874-946-21  <p>Alligator Clamp Battery Interface:</p> <ul style="list-style-type: none"> • P/N 874-946-20  <p>Y-Adaptor*:</p> <ul style="list-style-type: none"> • P/N 874-946-22

* Connects the power supply's battery input directly to the generator

Optional Accessories	
DCX-PG-WK:	Portable generator wheel kit (P/N 745-793-20)
DCX-PG-HANDLE:	Locking handle (P/N 745-792-20)
AG-CAB-KIT:	Cable bag with cable and key lanyard (P/N 745-764-21-001)
Remote Monitor:	30' (P/N 746-379-20), 50' (P/N 746-379-21)

Sound Levels	
Ambient background noise level at 45dBa, all readings are 8 point averages	
@ 100% Rated Load:	
@ 25% Rated Load (Typical):	



AlphaGen Front View



AlphaGen with optional wheel kit with locking handle and optional canvas cable bag



AlphaGen Portable Trailer



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