



## Generators - 37kVA to 80kVA

Medium capacity, fuel-efficient Biodiesel generators provide reliable power for worksites, backup supply festivals and outdoor sporting events.



Electrical Data		DGA37C	DG37MK-P/ ANZ	DGA50C	DG50MK-P/ ANZ	DG1000MI
Rated frequency	Hz	50				
Rated voltage	V	415/240				
Rated output	kVA/kW	37/29.6	37/29.6	50/40	50/40	80/72
Rated current	A	51	51.5	69	69.6	116
Rated power factor		0.8 (Lagging)				
Outlets <sup>a</sup> (1 phase)		3 x 15A	3 x 15A	3 x 15A	3 x 15A	Bus Bar only
(3 phase)		1x20A / 2x32A	2x32A / 1x20A	1x50A / 2x32A	1x20A/1x32A/1x50A	Bus Bar only
Number of poles		4				

### Engine

Model		Isuzu 4JG1T	Kubota V3800D-T	Isuzu 4BG1T	Kubota V3800DI-T (intercooled)	Kubota V2403-K3A
Emissions rating		Tier 2 <sup>1</sup>	Tier 3 <sup>2</sup>	Tier 2 <sup>3</sup>	Tier 3 <sup>2</sup>	Tier 3 <sup>1</sup>
Air induction		Turbocharged	Direct injection	Turbocharged	Direct injection	Direct injection
No. of cylinders		4	4	4	4	4
Displacement	L	3.059	3.769	2.179	3.769	2.434
Rated output @ 1500 RPM	kW	35.4	33.1	19.1	49.2	19.1
Fuel		Diesel / Biodiesel (B20)				
Fuel consumption <sup>b</sup>	L/Hr	7.8	6.7	3.9	8.8	4.0
Fuel capacity (Std.)	L	124	360	78	420	198
Fuel capacity (LRB) <sup>c</sup>	L	210	13.2	140	12.5	9.7

### Sound level

Sound level @ 7 m	dB(A)	53	58	51	57	62
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### Dimensions and weight<sup>d</sup>

Dimensions (LxWxH)	mm	1350 x 780 x 1140	1750 x 880 x 1790	2000 x 950 x 1430	1970 x 885 x 1675	2750 x 1000 x 1400
Dry weight	kg	1140	1191	1420	1450	1850

### Physical characteristics

Shutdowns	Oil pressure and water temperature lamp indication with shutdown				
Warnings	Battery charge with lamp indication				
Bundling <sup>c</sup>	Fully bundled to 130% of total fluids in machine				
Protection	Battery isolator and Emergency Stop				
Auto start module		Direct Wire terminal block		Direct Wire terminal block	

- a. Outlet configurations shown here are standard. Outlet configurations are fully customisable to customer requirements.  
b. Fuel consumption figures are based on 75% load, as per industry standard specifications.  
c. When an optional long range bundled (LRB) fuel tank is fitted.  
d. Standard dimensions and weights. For LRB configurations, contact Shindaiwa.

1. Japanese emissions standards  
2. EPA (USA)  
3. Voluntary Emission regulations for non-road engines in Japan by LEMA  
4. Voluntary Emission regulations for non-road engines in Japan by MLIT  
5. Voluntary Emission regulations for non-road engines in Japan by MLIT; EPA Tier 3 (USA)