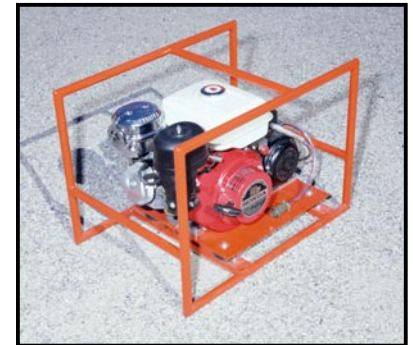


POWER SYSTEMS FOR GEOPHYSICAL TRANSMITTERS

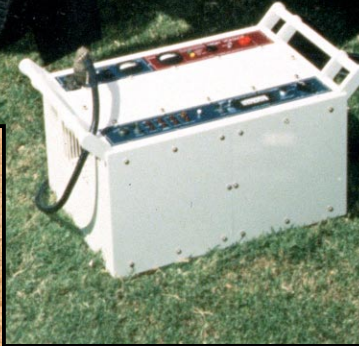
Rugged Custom-Designed Motor/Generators



ZMG-3



ZMG-15



ZMG-30



ZMG-10

FEATURES

- Four power systems, from portable 3kW to trailer-mounted 30 kW
- Exceptionally rugged and field-proven
- Power systems drive Zonge Engineering and other transmitters

Zonge Engineering and Research Organization, Inc.

Specialists in Electrical Geophysics • Field Surveys • Geophysical Consulting • Instrumentation Sales and Lease

SPECIFICATIONS FOR THE MOTOR / GENERATOR SETS

		ZMG-3	ZMG-10	ZMG-15	ZMG-30
Engine					
Cyl/cycle		1/4	2/4	2/4	4/4
Power (hp @ rpm)		8 @ 3600	22 @ 3150	30 @ 3500	62 @ 2400
Fuel		----- Regular / Unleaded -----			
Starter		Manual	Electric	Electric	Electric
Alternator					
Output (kva)		2.5	10	15	32
Type		----- 120/208 VAC / 400 Hz / 3-phase -----			
Base Frame					
Construction		Aluminum	Aluminum	Aluminum	Steel
Size (cm) ¹		46 x 36	79 x 46	112 x 92	137 x 91
Assembled Unit					
Size (cm) ¹		71 x 51 x 51	79 x 46 x 56	112 x 92 x 61	142 x 79 x 91
	(in) ¹	28 x 20 x 20	31 x 18 x 22	44 x 36 x 24	56 x 31 x 36
Weight (kg)		52	107	270	432
	(lb)	114	235	595	950
Ship. Size (cm) ¹		102 x 64 x 71	107 x 76 x 84	122 x 102 x 71	150 x 104 x 114
	(in) ¹	40 x 25 x 28	42 x 30 x 33	48 x 40 x 28	59 x 41 x 45
Ship. Wt. (kg)		105	159	330	505
	(lb)	230	350	725	1110
Fuel Supply		Internal	External	External	External
Power Cable		Included	Included	Included	Included
Voltage Regulator ²		Included	Included	Included	Included
Trailer-mounted					
Size (m) ¹		--	--	--	3.2 x 1.8 x 1.8
	(ft) ¹	--	--	--	10.5 x 5.9 x 5.9
Weight, full tanks (kg)		--	--	--	998
	(lb)	--	--	--	2200
Options		Spare parts	Spare parts	Spare parts	Spare parts

¹ All sizes specified in length x width x height

Specifications subject to change without notice 200304
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² Zonge VR-1B Voltage Regulator included with all Motor/Generators



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