

# 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 and other transmitters

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## SPECIFICATIONS FOR THE MOTOR / GENERATOR SETS

	ZMG-3	ZMG-10	ZMG-15	ZMG-30
<b>Engine</b>				
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
<b>Alternator</b>				
Output (kva)	2.5	10	15	32
Type	-----120/208 VAC / 400 Hz / 3-phase-----			
<b>BaseFrame</b>				
Construction	Aluminum	Aluminum	Aluminum	Steel
Size (cm) <sup>1</sup>	46 x 36	79 x 46	112 x 92	137 x 91
<b>Assembled Unit</b>				
Size (cm) <sup>1</sup>	71 x 51 x 51	79 x 46 x 56	112 x 92 x 61	142 x 79 x 91
(in) <sup>1</sup>	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) <sup>1</sup>	102 x 64 x 71	107 x 76 x 84	122 x 102 x 71	150 x 104 x 114
(in) <sup>1</sup>	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 <sup>2</sup>	Included	Included	Included	Included
<b>Trailer-mounted</b>				
Size (m) <sup>1</sup>	--	--	--	3.2 x 1.8 x 1.8
(ft) <sup>1</sup>	--	--	--	10.5 x 5.9 x 5.9
Weight,full tanks				
(kg)	--	--	--	998
(lb)	--	--	--	2200
<b>Options</b>	Spare parts	Spare parts	Spare parts	Spare parts

<sup>1</sup> All sizes specified in length x width x height



<sup>2</sup> VR-1B Voltage Regulator included with all Motor/Generators