

# POWER SYSTEMS FOR GEOPHYSICAL TRANSMITTERS

*Rugged Custom-Designed Motor/Generators*



**ZMG-30DL (with Silent Pack)**



**ZMG-3**



**ZMG-9**

## FEATURES

- Three 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-9	ZMG-30DL
<b>Engine</b>				
Cyl/cycle		1/4	2/4	4/4
Power (hp @ rpm)		8 @ 3600	22 @ 3150	58 @ 2900
Fuel		----- Regular / Unleaded -----		----- Diesel -----
Starter		Manual	Electric	Electric
<b>Alternator</b>				
Output	(kva)	2.5	9	32
Type		----- 120/208 VAC / 400 Hz / 3-phase -----		
<b>Base Frame</b>				
Construction		Aluminum	Aluminum	Steel
Size	(cm) <sup>1</sup>	46 x 36	79 x 46	122 x 107
<b>Assembled Unit</b>				
Size	(cm) <sup>1</sup>	71 x 51 x 51	79 x 46 x 56	122 x 107 x 91
	(in) <sup>1</sup>	28 x 20 x 20	31 x 18 x 22	48 x 42 x 36
Weight	(kg)	55	110	700
	(lb)	120	243	1540
Shipping Size	(cm) <sup>1</sup>	86 x 61 x 66	102 x 64 x 71	132 x 114 x 104
	(in) <sup>1</sup>	34 x 24 x 26	40 x 25 x 28	52 x 45 x 41
Shipping Wt.	(kg)	80	148	773
	(lb)	175	325	1700
Fuel Supply		Internal	External	External
Power Cable		Included	Included	Included
Voltage Regulator <sup>2</sup>		VR-1B	VR-1B	Built-In
<b>Trailer-mounted ZMG sets</b>				
Size	(cm) <sup>1</sup>	--	--	351 x 191 x 183
	(in) <sup>1</sup>	--	--	138 x 75 x 72
Weight, full tanks	(kg)	--	--	1282
	(lb)	--	--	2820
<b>Options</b>		Spare parts	Spare parts	Spare parts "Silent Pack"

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

Specifications subject to change without notice  
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<sup>2</sup> Zonge VR-1B  
 Voltage Regulator  
 OR Built-In Voltage  
 Regulator included  
 with all Motor /  
 Generator Sets



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