

Genverter - variable speed diesel generator

marine • mobile • land based • domestic • solar • back-up



GV-4 Basic

- Advanced way of power generation
- Variable speed 2500 - 3400 rpm
- Permanent magnet fly wheel integrated alternator
- Liquid cooled
- High efficient & fuel saving
- Low noise
- Ultra compact & light weight
- 3.4 kWatt output power, 230 VAC - 50 Hz
- Cooler integrated



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Genverter	Art. Nr.	41002000	41002005
Specifications		W-GV4 Basic Mobile/Land	M-GV4 Basic Marine
variable speed		variable speed 2500-3400 rpm	variable speed 2500-3400 rpm
Combined system output		3.4 kW	3.4 kW
Generator power (max.)		3.4 kW	3.4 kW
Peak output AC		200% 0,75-1000A ² s	200% 0,75-1000A ² s
Nominal voltage AC		230 VAC	230 VAC
Max. current AC		16.5 A	16.5 A
Nominal frequency AC		50.0 Hz	50.0 Hz
Thd nominal operation AC		<5%	<5%
Leading or lagging power factor		all cos ϕ allowed	all cos ϕ allowed
Parallel use (multiple systems)		2 units max.	2 units max.
Capacity (starter) battery (AGM)		12 V 55 Ah	12 V 55 Ah
Battery charge current		10 A maintenance charger	10 A maintenance charger
Cooling		Radiator/Air	Indirect watercooling
Dimensions incl. sound sh. (l*w*h) mm		630*480*520	630*480*520
Dry weight		92 Kg	92 Kg
Dry / Wet exhaust pipe		ϕ 1 inch BSP inner thread dry	wet ϕ 40 mm inner thread
Location oil refill cap		top&side	
Max. Operation angle (in all directions)		20°C	20°C
Alternator		air-cooled permanent magnet	air-cooled permanent magnet
Material / Color		sheet metal / RAL 9003	
Temperature range operational		-20°C to 40°C	-20°C to 40°C
Protection degree		Engine compartment IP44, Electronic compartment IP23	
Relative humidity		Max. 95% relative humidity, none condensing	
Remote control		DDC panel	DDC panel
Specifications diesel engine			
Engine model		Whisper WP1	Whisper WP1
Number of cylinders		1	1
Cylinder capacity		300 cc	300 cc
Air consumption		0.42 m ³ /min @3000rpm	0.42 m ³ /min @3000rpm
Engine cooling		fully oil cooled	fully oil cooled
Fuel consumption (no load-full load)		0.8-1.5 ltrs/hrs	0.8-1.5 ltrs/hrs

DDC Panel

Digital remote panel with accurate read-out of Volt/ A/ Hz/ Load, time to service, incl auto-start stop function. Supplied as standard with all Genverter 4 Basic models.



Radiator

Radiatorsystem for cooling - built in into the cabinet (Mobile & Land versions). Optional external.



DELTA Water/gas separator kit & DELTA Exhaust kit

Exhaust system for marine versions - Ask for our comprehensive catalogue.



Technical sales partner:

