

PRODUCT FEATURES

hi-EARNS[®] DIESEL GENERATORS

HI-EARNS DG 2500



FEATURES AND BENEFITS

- ✓ Electric and Hand Start System
- ✓ Durable and efficient design
- ✓ Air cooled diesel engine
- ✓ Direct injection combustion, fuel efficient
- ✓ Oil warning light (low oil alert system)
- ✓ Voltmeter (allows user to monitor voltage)
- ✓ Built in AC breaker
- ✓ 12 DC output socket
- ✓ 2 pcs. AC output socket
- ✓ Self-excited alternator
- ✓ Automatic Voltage Regulator – stable voltage

APPLICATION TABLE

LED TUBE LIGHTS 20W	STAND FAN 40W	CEILING FAN 100W
10x 	1x 	2x 
TELEVISION 56W	RICE COOKER 600W	REFRIGERATOR 500W
1x 	1x 	
AIR CONDITIONING UNIT 1HP - 745W	REMARKS	
	Do not use welding machines and motorized appliances	THIS IS ONLY A LOAD GUIDE. The appliances that can be run on generators are not fixed and will vary depending on the type of appliances used and their rated wattage. ABOVE GENERATORS ARE NOT DESIGNED TO RUN FOR MORE THAN 6 HOURS STRAIGHT.

SIMPLE CONVERSIONS:

Conversion : Kilowatt (kW) = kVA × 0.8, 1 Hp = 746 Watts or 0.745 kW, and for motor starting calculation a common estimate is 4 × Hp = kW, not applicable to all motors and higher values may be required depending on motor type.

TECHNICAL SPECIFICATION

GENERATOR	Frequency (Hz)	50 HZ
	Max Output (kW)	5.0 KW
	Rated Output (kW)	4.6 KW
	Rated AC Voltage (V)	240 V
	Rated Current (A)	19.1A
	Power Factor	1
	DC Output (V/A)	12V/8.3A
	Phase	Single Phase
	Alternator Type	Self-excited, 2-pole, single phase alternator
	Starting System	Electric and hand start
	Noise Level (Dba/7m)	80–85Db
	Fuel Tank Capacity (L)	12.5 L
ENGINE	Engine Model	HR 186FA
	Engine Type	Single-cylinder, vertical, 4 stroke air-cooled diesel engine
	Bore x Stroke	86 x 72
	Combustion System	Direct Injection
DIMENSIONS	Dimension (L x W x H)(cm)	74 x 49 x 63
	Net Weight	117 kg



SERVICE AND WARRANTY

FARMSET LIMITED WARRANTY ON Hi-Earns Generators (Updated October 2023)

Large Generators (15kVA and up): 500 hours or 6 months provided the machine is serviced on regular basis by authorized repairer.

Small Generators (10kVA and below): 300 hours or 3 months provided the machine is serviced on regular basis by authorized repairer.

NOTE: Small generators are designed for backup use only (2–3 hours max at any one time). They are not designed to run all day, every day. Limited warranty offered on electrical alternators on big generators, final decision lies with hi-Earns factory. All mechanical warranty claims are final decision of **Hi-Earns factory and Farmset Limited**.

💡 **High Performance Engine**

💡 **Low Noise Operation**

💡 **Reliable Power Output**

💡 **Fuel Efficiency**

💡 **Easy Maintenance**

PLEASE REFER TO OPERATIONS MANUAL FOR:

- How it works
- How to use
- Maintenance Guide
- Safety and PPE