



DESIGN SPECIFICATIONS

- High quality, reliable, long life and complete Genset unit.
- Suit all purpose and demands.
- Full engineered with a broad range of options:
- Electrical.
- Mechanical.
- Soundproof canopy.
- Road trailer.



STANDARD SPECIFICATION

ENGINE

- Perkins Diesel Engine.
- Four stroke, direct injection.
- Turbocharged air-to-air.
- · Water Cooling system.
- Radiator with a puller fun.
- Oil and fuel filters.
- Electronic governing
- Heavy duty air cleaner.
- Mounted air filter and turbocharger.
- 12 Volt electric starting.
- Battery charging alternator.
- Industrial type exhaust silencer.

ALTERNATOR

- Single bearing, Rotating Field alternator.
- Brushless, self excited and regulated type.
- Solid state AVR with +/-1% voltage regulation as standard.
- Class "H" Insulation.
- IP21 protection class.

CONTROL SYSTEM

Standard features of Control Panel is equipped as follows:

instruments:

- Voltmeters.
- Ammeter.
- Frequency meter.
- Tachometer with built in hour meter.
- Oil pressure gauge.
- Engine temperature gauge.
- Battery Charging lamp.
- MCCB.

<u>Alarm indicator leds for</u> The panel automatically stops the Genset in case of any abnormal running operation occurred, such as:

- High engine temperature.
- Low oil pressure.
- Over speed.
- Fault alarm

Bravo Generating Sets Ratings

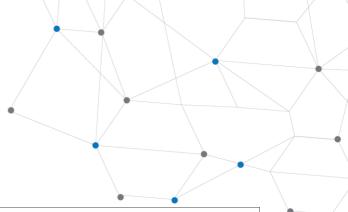
Bravo gensets are rated in accordance with ISO 8528-1 standard conditions. Each genset complies with BS5514,ISO 3046 standard testing conditions for diesel engines and BS EN60034, BS 5000,VDE 0530,NEMA1 MG1-22, IEC 34,CSAC 22.2-100,AS1359 Alternators international standards.

Optional Equipment's:

- ✓ Manual or automatic transfer switch-parallel operation.
- ✓ Remote communication.
- ✓ Stationary, containerized or mobile construction.
- ✓ Enclosures "weatherproof and soundproof".

Tel/Fax: +966 9000 8138 Email: <u>sales@alfaddaghi.com</u> Website: www.alfaddaghi.com P.O. Box 26162, Riyadh 11486,Saudi Arabia





SELECTION TABLE						
GENERATING SETS MODEL	ENGINE MODEL	ELECTRICAL OUTPUT				
		50 Hz, 1500 RPM				
		PRIME		STANDBY		
		KW	KVA	KW	KVA	
PRM59	1103A-33TG1	36	45	40	50	

Prime Power ratings are applicable for supplying electric power with 10% overload capability available for 1h/12h.

Standby Power ratings are applicable for supplying electric power in the event of power failure with no overload capability available for these ratings

ALTERNATOR				
No of Poles	4			
Voltage	380 - 220 - 110			
No of Phases	3			
Rated power factor	0.8			
Voltage Regulation	+ / - 1.0%			

Fuel Consumption				
Fuel Consumption for prime power	10.7 L/hr.			
Daily Fuel Tank capacity for the Canopy	251 L			
Daily Fuel Tank capacity for the Open	152 L			

Overall Dimensions and Approximate Weight							
Туре	Engine Model	Dimensions (mm)			Genset Weight		
		L	W	Н	Kg		
Open	1103A-33TG1	1800	700	951	850		
Sound Proof	1103A-33TG1	2200	1000	1150	1200		

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