

**gentec energy**

- Perkins Power

**Performance is our Prime objective**

## GP1250-GP1700 Data

### Features and benefits

- World renowned engine and alternator
- Comprehensive Range of Controllers
  - Remote start
  - Auto start
  - AMF
  - synchronising
- Auto Transfer Systems
- Acoustic Enclosures
  - Designed to meet European standards
  - Weather resistant
  - Noise reducing
  - Containerised option for larger sets
  - Plantroom acoustic packages
  - Residential exhaust silencing options
- Optional packaging to meet Telecomms specifications



# GP1250-GP1700 Data

<b>OUTPUT RATING @ 0.8pf</b>					
<b>Generating Set Model</b>		<b>GP1250</b>	<b>GP1360</b>	<b>GP1500</b>	<b>GP1700</b>
Prime Power Rating (380/415v)	kVA	1250	1360	1500	1700
	kW	1000	1088	1200	1360
Standby Rating (380/415v)	kVA	1375	1500	1650	1875
	kW	1100	1200	1320	1500
<b>TECHNICAL DATA</b>					
Engine Model:		4012-46TWG2A	4012-46TWG3A	4012-46TAG2A	4012-46TAG3A
Alternator Type		Brushless	Brushless	Brushless	Brushless
Number of cylinders / Alignment		12 / vee	12 / vee	12 / vee	12 / vee
Cubic Capacity: Litres		45.482	45.482	45.482	45.482
Engine Speed		1500	1500	1500	1496
Gross Engine Power: Kwm		1113	1207	1331	1500
Fuel Consumption: litres/hr		259	289	305	354
Heat Rejection to exhaust system Kw		886	989	1015	1102
Heat Rejection to cooling & Lube. Oil system: Kw		374	389	457	510
Radiated Heat to Room: Kw		81	88	96	110
Radiator Cooling air flow: m3/min [*]		1680	1680	1944	2220
Combustion Air flow: m3/min		103	108	120	135
Exhaust Gas flow: m3/min		180	182	320	350
Fuel Tank Capacity: Litres		TBA	TBA	TBA	TBA
Engine Governor		Electronic	Electronic	Electronic	Electronic
Starting Battery v DC		24	24	24	24
Frequency: Hz		50	50	50	50
Class of Alternator windings (temp)		H	H	H	H
Class of Alternator windings (windings)		H	H	H	H
Enlosure rating of Alternator		IP23	IP23	IP23	IP23
<b>DIMENSIONS &amp; WEIGHTS</b>					
<b>Open Set</b>					
Length: mm		TBC	TBC	TBC	TBC
Width: mm		TBC	TBC	TBC	TBC
Height: mm		TBC	TBC	TBC	TBC
Weight: Kg		TBC	TBC	TBC	TBC
<b>Canopy Set</b>					
Length: mm		TBC	TBC	TBC	TBC
Width: mm		TBC	TBC	TBC	TBC
Height: mm		TBC	TBC	TBC	TBC
Weight: Kg		TBC	TBC	TBC	TBC

## Ratings Definition:

**Prime Power** - This rating is applicable for supplying continuous power (at variable load) with no limitation to the annual hours of operation and can supply 10% overload power for 1 hour in 12 hours

**Standby Power** - This rating is applicable for supplying continuous power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings and the alternator is peak continuous rated (as defined in ISO8528-3)

Ratings in accordance with ISO8528, ISO3046, IEC60034, BS5000 & NEMA MG-1/22

[\*] Cooling System designed to operate in ambient temp. up to 50degC

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