

gentec energy

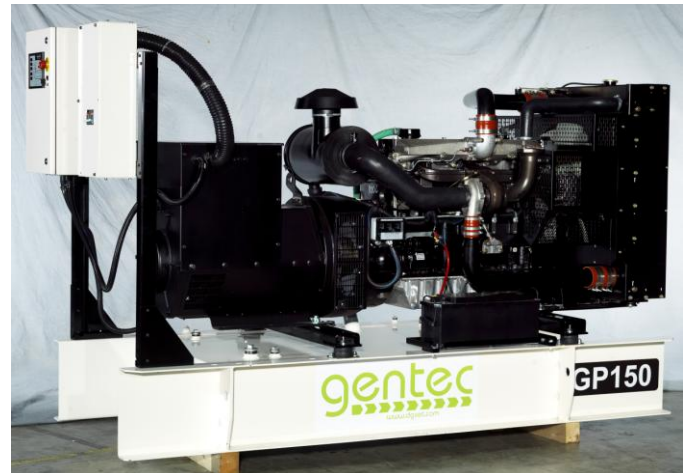
- Perkins Power

Performance is our Prime objective

GP1840-GP2000 Data Sheet

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



GP1840-GP2000 Data

OUTPUT RATING @ 0.8pf			
Generating Set Model		GP1840	GP2000
Prime Power Rating (380/415v)	kVA	1840	2000
	kW	1475	1600
Standby Rating (380/415v)	KVA	2000	2200
	kW	1600	1760
TECHNICAL DATA			
Engine Model:		4016TAG1A	4016TAG2A
Alternator Type		Brushless	Brushless
Number of cylinders / Alignment		16 / vee	16 / vee
Cubic Capacity: Litres		61.1	61.1
Engine Speed		1500	1500
Gross Engine Power: Kwm		1588	1766
Fuel Consumption: litres/hr		378.3	423.5
Heat Rejection to exhaust system Kw		1276	1490
Heat Rejection to cooling & Lube. Oil system: Kw		629	721
Radiated Heat to Room: Kw		177	231
Radiator Cooling air flow: m3/min [*]		2058	2058
Combustion Air flow: m3/min		140	145
Exhaust Gas flow: m3/min		343	387
Fuel Tank Capacity: Litres		TBA	TBA
Engine Governor		Electronic	Electronic
Starting Battery v DC		24	24
Frequency: Hz		50	50
Class of Alternator windings (temp)		H	H
Class of Alternator windings (windings)		H	H
Enlosure rating of Alternator		IP23	IP23
DIMENSIONS & WEIGHTS			
Open Set			
Length: cm		603.9	603.9
Width: cm		252.4	252.4
Height: cm		315.1	315.1
Weight: Kg		14580	14580
Canopy Set			
Length: cm		TBA	TBA
Width: cm		TBA	TBA
Height: cm		TBA	TBA
Weight: Kg		TBA	TBA

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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