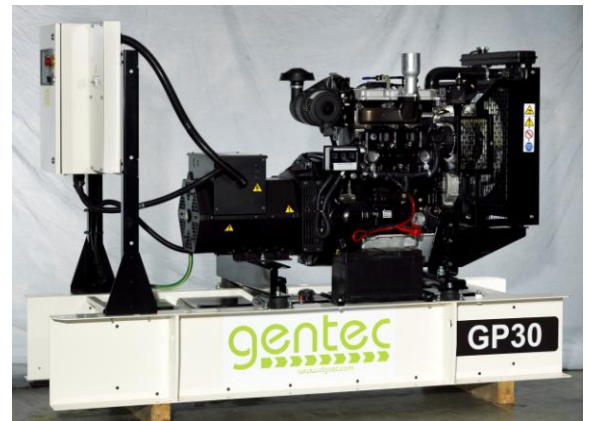


GP30-GP60 Data Sheet

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



GP30-GP60 Data

OUTPUT RATING @ 0.8pf					
Generating Set Model		GP30	GP40	GP50	GP60
Prime Power Rating (380/415v)	kVA	30	42	45	60
	kW	24	34	36	48
Standby Rating (380/415v)	kVA	33	46	50	66
	kW	26.4	37.4	40	52.8
TECHNICAL DATA					
Engine Model:		1103A-33G	1103A-33TG1	1103A-33TG2	
Alternator Type		Brushless	Brushless	Brushless	
Number of cylinders / Alignment		3 / in line	3 / in line	3 / in line	
Cubic Capacity: Litres		3.3	3.3	3.3	
Aspiration		Naturally aspirated	Turbocharged	Turbocharged	
Engine Speed		1500	1500	1500	
Gross Engine Power: Kwm		28.2	46.4	60.5	
Fuel Consumption: litres/hr		5.9	9.4	13.8	
Heat Rejection to exhaust system Kw		22	29.1	45.5	
Heat Rejection to cooling & Lube. Oil system: Kw		16	25.3	37.7	
Radiated Heat to Room: Kw		5	11.6	16.7	
Radiator Cooling air flow: m3/min [*]		53	86.4	110.4	
Combustion Air flow: m3/min		2.16	2.6	3.9	
Exhaust Gas flow: m3/min		5.7	6.9	10.4	
Fuel Tank Capacity: Litres		220	220	220	
Engine Governor		Electronic	Electronic	Electronic	
Starting Battery v DC		12	12	12	
Frequency: Hz		50	50	50	
Class of Alternator windings (Temp)		H	H	H	
Class of Alternator windings (insulation)		H	H	H	
Enlosure rating of Alternator		IP23	IP23	IP23	
DIMENSIONS & WEIGHTS					
Open Set					
Length: mm		2210	2210	2210	2210
Width: mm		760	760	760	760
Height: mm		1465	1465	1465	1465
Weight: Kg Dry		882	962	976	1002
Canopy Set					
Length: mm		2385	2385	2385	2385
Width: mm		1100	1100	1100	1100
Height: mm		1752	1752	1752	1752
Weight: Kg		1255	1359	1373	1397

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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