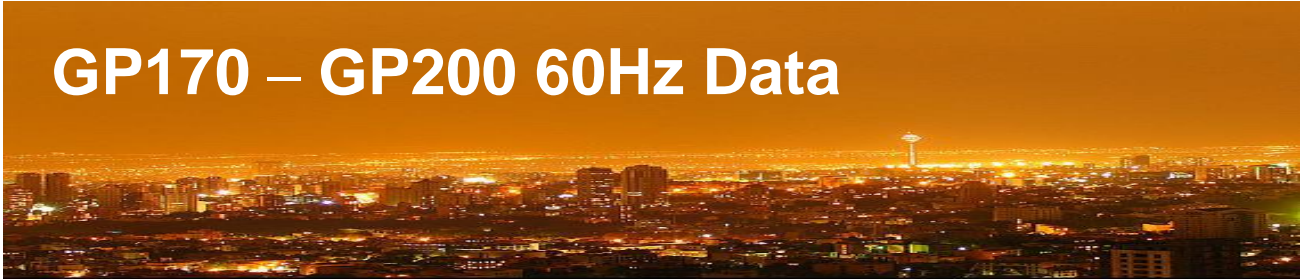


gentec energy

- Perkins Power

Performance is our Prime objective

GP170 – GP200 60Hz 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



GP170 – GP200 60Hz Data

OUTPUT RATING @ 0.8pf					
Generating Set Model		GP170-2	GP170-3	GP200-2	GP200-3
		220/127v	380/220v	220/127v	380/220v
Prime Power Rating	kVA	167.5	160	190	180
	kW	134	128	152	144
Standby Rating	kVA	184	176	209	198
	kW	147.4	141	167	158
TECHNICAL DATA					
Engine Model: Perkins		1106C-E66TAG3		1106C-E66TAG4	
Alternator Model		UCI 274E		UCI 274F	
Number of cylinders / Alignment		6 in line		6 in line	
Cubic Capacity: Litres		6.6		6.6	
Aspiration		Turbocharged/ Air to Air Charge Cooled		Turbocharged/ Air to Air Charge Cooled	
Engine Speed		1800		1800	
Gross Engine Power: Kwm		154.4		185.7	
Fuel Consumption: litres/hr		40.1		48.5	
Heat Rejection to exhaust system Kw		127.3		157.2	
Heat Rejection to cooling & Lube. Oil system: Kw		74.2		86.8	
Radiated Heat to Room: Kw		12.4		14.9	
Radiator Cooling air flow: m3/min [*]		313.8		313.8	
Combustion Air flow: m3/min		12.4		13	
Exhaust Gas flow: m3/min		29.5		34.1	
Fuel Tank Capacity: Litres		400		400	
Engine Governor		Electronic		Electronic	
Starting Battery v DC		24		24	
Frequency: Hz		60		60	
Class of Alternator windings (temp)		H		H	
Class of Alternator windings (insulation)		H		H	
Enlosure rating of Alternator		IP23		IP23	
DIMENSIONS & WEIGHTS					
Open Set					
Length: mm		3074		3074	
Width: mm		1000		1000	
Height: mm		1653		1653	
Weight: Kg Dry		1813		1813	
Canopy Set					
Length: mm		3700		3700	
Width: mm		1150		1150	
Height: mm		2093		2093	
Weight: Kg		3092		3092	

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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