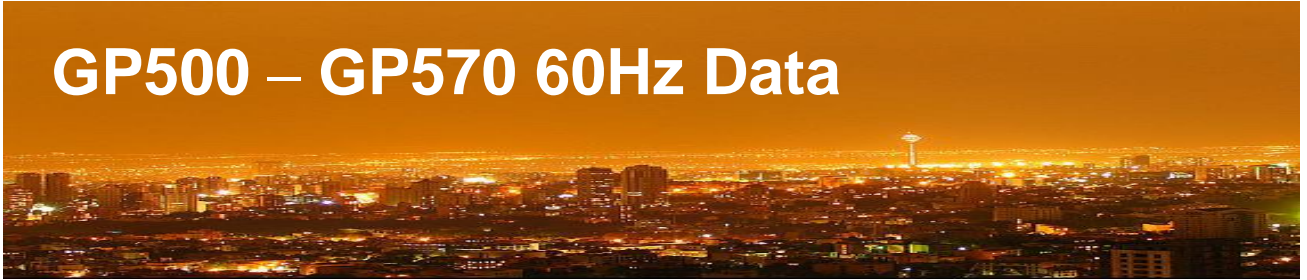


gentec energy

- Perkins Power

Performance is our Prime objective

GP500 – GP570 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



GP500 – GP570 60Hz Data

OUTPUT RATING @ 0.8pf					
Generating Set Model		G500-2	G500-3	GP570-2	GP570-3
		220/127v	380/220v	220/127v	380/220v
Prime Power Rating	kVA	480	500	550	N/A
	kW	384	400	440	N/A
Standby Rating	kVA	528	550	605	N/A
	kW	422	440	484	N/A
TECHNICAL DATA					
Engine Model: Perkins		2506A-E15TAG3		2506A-E15TAG4	
Alternator Model		HCI 544F		HCI 544C	
Number of cylinders / Alignment		6 / in line		6 / in line	
Cubic Capacity: Litres		15.2		15.2	
Aspiration		Turbocharged/ Air to Air Charge Cooled		Turbocharged/ Air to Air Charge Cooled	
Engine Speed		1800		1800	
Gross Engine Power: Kw		469		519	
Fuel Consumption: litres/hr		101		115	
Heat Rejection to exhaust system Kw		324		355	
Heat Rejection to cooling & Lube. Oil system: Kw		161		158	
Radiated Heat to Room: Kw		72		95	
Radiator Cooling air flow: m3/min [*]		866		866	
Combustion Air flow: m3/min		34.3		39	
Exhaust Gas flow: m3/min		96		102	
Fuel Tank Capacity: Litres		820		820	
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		3650		3883	
Width: mm		1125		1125	
Height: mm		2130		2130	
Weight: Kg Dry		3877		4007	
Canopy Set					
Length: mm		4750		4750	
Width: mm		1600		1600	
Height: mm		2176		2176	
Weight: Kg		5180		5310	

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 MG1/-22

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

Gentec Energy Plc
Unit 7 Chancerygate Close
Stonefield Way
South Ruislip, Middx
HA4 0JA

www.dgset.com

Tel: +44 (0)208 839 0810
Email:sales@dgset.com