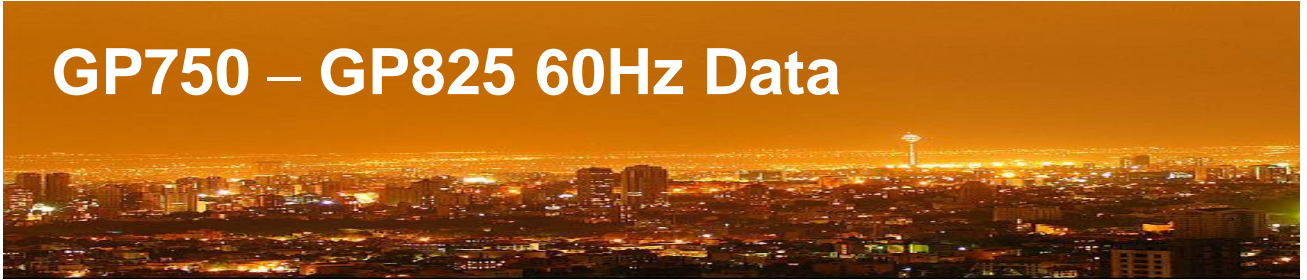


# gentec energy

- Perkins Power

## Performance is our Prime objective

### GP750 – GP825 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



# GP750 – GP825 60Hz Data

<b>OUTPUT RATING @ 0.8pf</b>					
<b>Generating Set Model</b>		<b>G750-2</b>	<b>G750-3</b>	<b>GP825-2</b>	<b>GP825-3</b>
		<b>220/127v</b>	<b>380/220v</b>	<b>220/127v</b>	<b>380/220v</b>
Prime Power Rating	kVA	713	N/A	810	825
	kW	570	N/A	648	660
Standby Rating	kVA	792	N/A	852	907
	kW	633	N/A	682	726
<b>TECHNICAL DATA</b>					
Engine Model: Perkins		4006-23TAG2A		4006-23TAG3A	
Alternator Model		HC1 544E		HC1 544F	
Number of cylinders / Alignment		6 / in line		6 / in line	
Cubic Capacity: Litres		13.61		13.61	
Aspiration		Turbocharged/ Air to Air Charge Cooled		Turbocharged/ Air to Air Charge Cooled	
Engine Speed		1800		1800	
Gross Engine Power: Kw		684		759	
Fuel Consumption: litres/hr		177		200	
Heat Rejection to exhaust system Kw		649		635	
Heat Rejection to cooling & Lube. Oil system: Kw		220		309	
Radiated Heat to Room: Kw		73		80	
Radiator Cooling air flow: m3/min [*]		1320		1320	
Combustion Air flow: m3/min		65		76	
Exhaust Gas flow: m3/min		190		209	
Fuel Tank Capacity: Litres		TBA		TBA	
Engine Governor		Electronic		Electronic	
Starting Battery v DC		12		12	
Frequency: Hz		60		60	
Class of Alternator windings (temp)		H		H	
Class of Alternator windings (insulation)		H		H	
Enlosure rating of Alternator		IP23		IP23	
<b>DIMENSIONS &amp; WEIGHTS</b>					
<b>Open Set</b>					
Length: mm		4280		4280	
Width: mm		1912		1912	
Height: mm		2285		2285	
Weight: Kg Dry		6370		6370	
<b>Canopy Set</b>					
Length: mm		TBA		TBA	
Width: mm		TBA		TBA	
Height: mm		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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