

Performance is our Prime objective

GP730-GP1000 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



GP730-GP1000 Data

OUTPUT RATING @ 0.8pf					
Generating Set Model		GP730	GP800	GP900	GP1000
Prime Power Rating (380/415v)	kVA	730	800	900	1000
	kW	584	640	720	800
Standby Rating (380/415v)	kVA	800	900	996	1100
	kW	640	720	797	880
TECHNICAL DATA					
Engine Model:		4006-23TAG2A	4006-23TAG3A	4008TAG1A	4008TAG2A
Alternator Type		Brushless	Brushless	Brushless	Brushless
Number of cylinders / Alignment		6 / in line	6 / in line	8 / in line	8 / in line
Compression Ratio		13.61	13.61	13.6:1	13.6:1
Aspiration		Turbocharged/ Air to Air Charge Cooled	Turbocharged/ Air to Air Charge Cooled	Turbocharged/ Air to Air Charge Cooled	Turbocharged/ Air to Air Charge Cooled
Engine Speed		1500	1500	1500	1500
Gross Engine Power: Kwm		646	705	876	969
Fuel Consumption: litres/hr		157	172	194.7	215.4
Heat Rejection to exhaust system Kw		610	665	711	807
Heat Rejection to cooling & Lube. Oil system: Kw		221	280	312	349
Radiated Heat to Room: Kw		55	77	140	151
Radiator Cooling air flow: m3/min [*]		1320	1320	1152	1152
Combustion Air flow: m3/min		64	73	73	80.5
Exhaust Gas flow: m3/min		180	193	183	200
Fuel Tank Capacity: Litres		TBA	TBA	TBA	TBA
Engine Governor		Electronic	Electronic	Electronic	Electronic
Starting Battery v DC		12	12	12	12
Frequency: Hz		50	50	50	50
Class of Alternator windings (temp)		H	H	H	H
Class of Alternator windings (insulation)		H	H	H	H
Enlosure rating of Alternator		IP23	IP23	IP23	IP23
DIMENSIONS & WEIGHTS					
Open Set					
Length: mm		TBC	TBC	TBC	TBC
Width: mm		TBC	TBC	TBC	TBC
Height: mm		TBC	TBC	TBC	TBC
Weight: Kg		TBC	TBC	TBC	TBC
Canopy Set					
Length: mm		TBC	TBC	TBC	TBC
Width: mm		TBC	TBC	TBC	TBC
Height: mm		TBC	TBC	TBC	TBC
Weight: Kg		TBC	TBC	TBC	TBC

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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