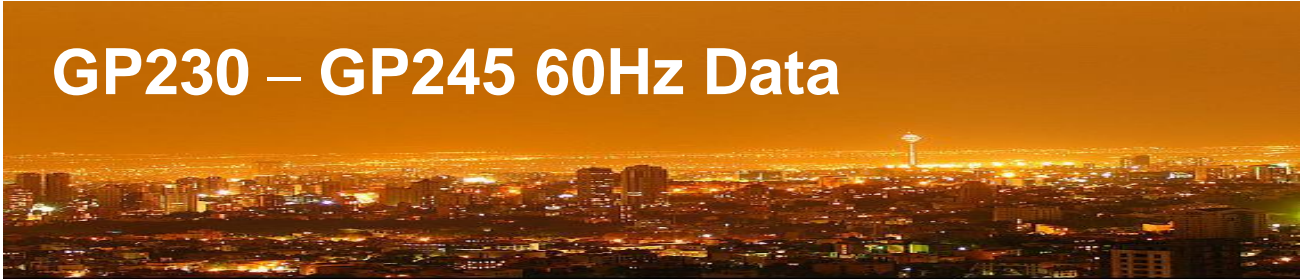


gentec energy

- Perkins Power

Performance is our Prime objective

GP230 – GP245 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



GP230 – GP245 60Hz Data

OUTPUT RATING @ 0.8pf					
Generating Set Model		GP230-2	GP230-3	GP245-2	GP245-3
		220/127v	380/220v	220/127v	380/220v
Prime Power Rating	kVA	231	231	245	237.5
	kW	185	185	196	190
Standby Rating	kVA	254	254	270	261
	kW	203	203	216	209
TECHNICAL DATA					
Engine Model: Perkins		1306C-E87TAG3		1306C-E87TAG4	
Alternator Model		HCI 274H		HCI 274H	
Number of cylinders / Alignment		6 in line		6 in line	
Cubic Capacity: Litres		8.7		8.7	
Aspiration		Turbocharged/ Air to Air Charge Cooled		Turbocharged/ Air to Air Charge Cooled	
Engine Speed		1800		1800	
Gross Engine Power: Kw		208		220	
Fuel Consumption: litres/hr		56.9		61	
Heat Rejection to exhaust system Kw		116		124	
Heat Rejection to cooling & Lube. Oil system: Kw		98		104	
Radiated Heat to Room: Kw		37		40	
Radiator Cooling air flow: m3/min [*]		480		480	
Combustion Air flow: m3/min		19.3		20.2	
Exhaust Gas flow: m3/min		48.1		51.3	
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		1728		1728	
Weight: Kg Dry		1995		2090	
Canopy Set					
Length: mm		3700		3700	
Width: mm		1150		1150	
Height: mm		2093		2093	
Weight: Kg		3239		3340	

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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