Output Ratings		
Generating Set Model	**P600P5**	**P660E5**
380-415V,50Hz	600.0 kVA 480.0 kW	660.0 kVA 528.0 kW
	-	-
220/127V, 60 Hz	-	-

Ratings at 0.8 power factor.

Ratings Definitions

Prime Power - Model P600P5
These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation and this model can supply 10% overload power for 1 hour in 12 hours.

Standby Power - Model P660E5
These ratings are applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings. The alternator on this model is peak continuous rated (as defined in ISO 8528-3).



Technical Data		
Engine Make & Model:	Perkins 2806A-E18TAG1A	
Alternator Model:	LL6114K	
No. of Cylinders/Alignment:	6 / In Line	
Displacement: litres (cu.in)	18.1 (1104.5)	
Bore/Stroke: mm (in)	145.0 (5.7)/183.0 (7.2)	
Compression Ratio:	14.5:1	
Induction:	Turbocharged Air To Air Charge Cooled	
Frequency:	50 Hz	60 Hz
Engine Speed:	1500 RPM	-
Gross Engine Power: kW (hp)	592.7 (795.0)	-
BMEP: kPa (psi)	2615.0 (379.3)	-
Piston Speed: m/sec (ft/sec)	9.0 (29.5)	-
Fuel Tank Capacity: litres (US gal)	1000 (264.2)	-
Fuel Consump, l/hr (USg/hr) **P600P5**	118.4 (31.3)	-
Fuel Consump, l/hr (USg/hr) **P660E5**	131.1 (34.6)	-
Heat Rejected to Exhaust System: kW (Btu/min)	414.0 (23544)	-
Heat Rejected to Water & Lube Oil: kW (Btu/min)	210.0 (11942)	-
Heat Radiation to Room: kW (Btu/min)	38.0 (2161)	-
Exhaust Gas Temperature: °C (°F)	563 (1045)	-
Radiator Cooling Air Flow: m^3/min (cfm) Cooling system designed to operate in ambient conditions up to 50°C (122°F)*	660.0 (23308)	-
Combustion Air Flow: m^3/min (cfm)	34.3 (1211)	-
Exhaust Gas Flow: m^3/min (cfm)	123.0 (4344)	-

* Contact your local FG Wilson dealer for power ratings at specific site conditions.

Dimensions and Weights				
Length: mm (in)	**Width:** mm (in)	**Height:** mm (in)	**Dry:** kg (lb)	**Wet:** kg (lb)
4111 (161.9)	1536 (60.5)	2246 (88.4)	4717 (10399)	4787 (10554)

Dry = With Lube Oil Wet = With Lube Oil and coolant

Ratings in accordance with ISO 8528, ISO 3046, IEC 60034, BS5000 and NEMA MG-1/22.
Generating set pictured may include optional accessories.

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P600P5 / P660E5

FG Wilson has manufacturing facilities in the following locations:
Northern Ireland · Brazil · China · India · USA
With headquarters in Northern Ireland, FG Wilson operates through a Global Dealer Network. To contact your local Sales Office please visit the FG Wilson website at www.FGWilson.com

In line with our policy of continuous product development, we reserve the right to change specification without notice