

U.S. Embassy in Ukraine is going to conduct sealed-bid sale of two Diesel-Generators F.G.Wilson, Model P200H, in middle of June 2013.

Generators are for sale on an “as-is, where-is” basis.

Actual date of sale will be posted in the beginning of June 2013.







Output Ratings		
Generating Set Model	P200H	P220HE
380 - 415V, 50 Hz	200 kVA	220 kVA
	160 kW	176 kW
480V, 60 Hz	225 kVA	250 kVA
	180 kW	200 kW

**Ratings Definitions**  
 Ratings at 0.8 pf  
**Prime Power - Model P200H**  
 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 P220HE**  
 These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of a utility power failure. No overload is permitted on these ratings. The alternator on this model is peak continuous rated (as defined in ISO8528-3).

Technical Data		
Engine Model:	Perkins 1306-E87TA300	
Alternator Model:	LL5014F	
Number of Cylinders:	6 in line	
Cubic Capacity: Litres (cu.in)	8.70 (5.31)	
Bore/Stroke: mm (in)	117 (4.61) / 136 (5.40)	
Compression ratio:	16.9:1	
Aspiration:	Turbocharged	
Frequency:	50 Hz	60 Hz
Engine Speed:	1500 RPM	1800 RPM
Gross Engine Power: kW (hp)	224 (300)	243 (325)
BMEP: kPa (psi)	2058 (299)	1857 (269)
Piston Speed: m/sec (ft/sec)	6.80 (22.3)	8.20 (26.9)
Fuel Tank Capacity: Litres (US Gal)	350 (92.5)	350 (92.5)
Fuel Consump. P200H: 1hr (USgal/hr)	43.1 (11.4)	50.7 (13.4)
Fuel Consump. P220HE: 1hr (USgal/hr)	47.0 (12.4)	56.9 (15.0)
Heat Rejection to Exhaust System: kW (Btu/min)	105 (6954)	141 (8019)
Heat Rejection to Cooling System: kW (Btu/min)	82.5 (4692)	107 (6102)
Total Radiated Heat: kW (Btu/min)	49.8 (2832)	62.3 (3543)
Exhaust Temperature: °C (°F)	573 (1064)	487 (908)
Radiator Cooling Air Flow: m³/min (cfm)	324 (11442)	414 (14620)
Combustion Air Flow: m³/min (cfm)	9.80 (346)	19.2 (678)
Exhaust Gas Flow: m³/min (cfm)	29.7 (1049)	49.2 (1737)

Note: Standard reference conditions 27°C (80°F) Air Inlet Temp, 152.4m (500ft) A.S.L., 80% relative humidity. All engine performance data based on the above mentioned maximum continuous ratings. Fuel consumption data at full load with diesel fuel with specific gravity of 0.85 and conforming to BS2869:1999, Class A2.

Dimensions and Weights			
Length: mm (in)	Width: mm (in)	Height: mm (in)	Dry: kg (lb)   Wet: kg (lb)
2953 (116)	1003 (39.5)	1717 (67.6)	2015 (4442)   2062 (4524)
Dry - With Lube Oil		Wet - With Lube Oil and Coolant	

Generating set pictured may include optional accessories



**P200H - P220HE**

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800-475 In line with our policy of continuous product development, we reserve the right to change specification without notice. P200H-P220HE-01/2008/030