

The FG Wilson sound attenuated enclosures for the range of Perkins powered P550P1 to P700E1 generating sets are a result of continuing research and development by our specialist acoustic engineers. These enclosures reduce sound levels to comply with the European Community regulations **2000/14/EC**.

The fully weatherproof enclosures incorporate internally mounted exhaust silencers and are of extremely rugged construction in order to withstand the rough handling common on many construction sites. They are designed on modular principles with many interchangeable components permitting on-site repair.

Robust/Highly Corrosion Resistant Construction

- ▶ Black finish stainless steel locks and hinges
- ▶ Zinc plated or stainless steel fasteners
- ▶ Body made from steel components treated with polyester powder coating

Excellent Access for Maintenance

- ▶ Two large doors on each side
- ▶ Radiator fill access cover
- ▶ Lube oil and cooling water drains piped to exterior of the enclosure

Security and Safety

- ▶ Control panel viewing window in a lockable access door
- ▶ Emergency stop push button (red) mounted on enclosure exterior
- ▶ Cooling fan and battery charging alternator fully guarded
- ▶ Fuel fill and battery can only be reached via lockable access doors
- ▶ Exhaust silencing system totally enclosed for operator safety

Transportability

- ▶ Lifting points on baseframe

Optional Features

- ▶ Oil field type skid with dragging points



550 - 700 kVA Generating Set Range



Modular Acoustic Enclosure

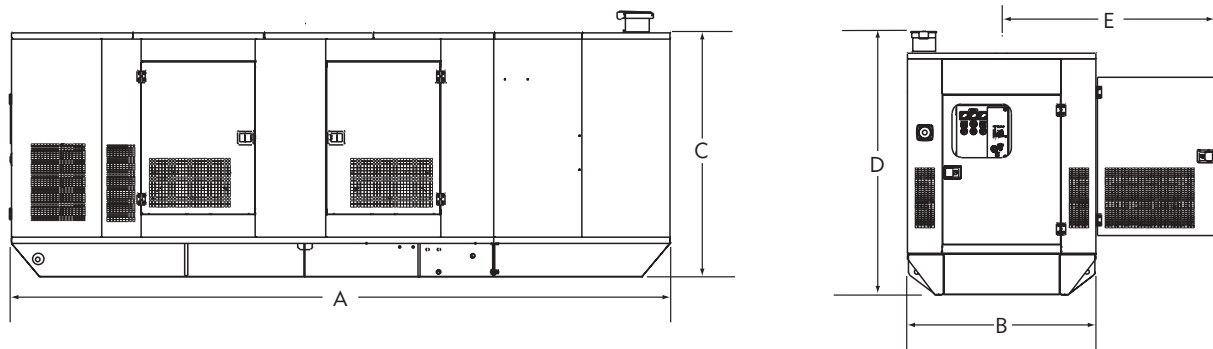


Sound Pressure Levels (dBA)

50 Hz

Generating Set Model	LWA	15 m (50 ft)		7 m (23 ft)		1 m (3 ft)	
		75% Load	100% Load	75% Load	100% Load	75% Load	100% Load
P550P1	TBA	70.2	70.5	76.2	76.5	83.9	84.3
P605E1	TBA	70.4	70.5	76.4	76.5	84.1	84.5
P635E1	TBA	70.4	70.5	76.4	76.5	84.2	84.5
P600P1	TBA	70.4	70.5	76.4	76.5	84.1	84.4
P660E1	TBA	70.5	70.5	76.5	76.5	84.3	84.6
P635P1	TBA	70.4	70.5	76.4	76.5	84.2	84.5
P700E1	TBA	70.5	70.4	76.5	76.4	84.4	84.7

Levels in accordance with European Noise Directive (2000/14/EC)



Dimensions and Weights

Generating Set Model	A: mm (in)	B: mm (in)	C: mm (in)	D: mm (in)	E: mm (in)*	Weight: kgs (lb)	Fuel Tank Capacity
							Litres (US Gal)
P550P1	5878 (231)	1930 (76.0)	1800 (71.0)	2400 (94.5)	1955 (77.0)	5980 (13186)	1350 (357)
P605E1	5878 (231)	1930 (76.0)	1800 (71.0)	2400 (94.5)	1955 (77.0)	5980 (13186)	1350 (357)
P635E1	5878 (231)	1930 (76.0)	1800 (71.0)	2400 (94.5)	1955 (77.0)	5980 (13186)	1350 (357)
P600P1	5878 (231)	1930 (76.0)	1800 (71.0)	2400 (94.5)	1955 (77.0)	5980 (13186)	1350 (357)
P660E1	5878 (231)	1930 (76.0)	1800 (71.0)	2400 (94.5)	1955 (77.0)	5980 (13186)	1350 (357)
P635P1	5878 (231)	1930 (76.0)	1800 (71.0)	2400 (94.5)	1955 (77.0)	5980 (13186)	1350 (357)
P700E1	5878 (231)	1930 (76.0)	1800 (71.0)	2400 (94.5)	1955 (77.0)	5980 (13186)	1350 (357)

Weight with lube oil, no coolant, no fuel.

* Clearance required on both sides



FG Wilson (Engineering) Ltd
 Old Glenarm Road, Larne, County Antrim BT40 1EJ
 Northern Ireland, United Kingdom
 Tel: +44 (0) 28 2826 1000 Fax: +44 (0) 28 2826 1111
www.FGWilson.com

