

Generating Set Range

P 550 P I - P 750 E I



The Gentec sound attenuated enclosures for the range of Perkins powered P550PI to P750EI generating sets are a result of continuing research and development by our specialist acoustic engineers. **These enclosures reduce sound levels to comply with the new European Community regulations 2000/14/EC which became effective on 1 January 2002.**

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
- Recessed 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

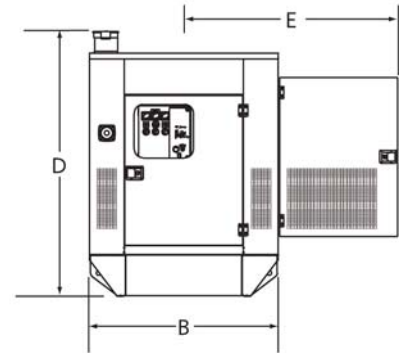
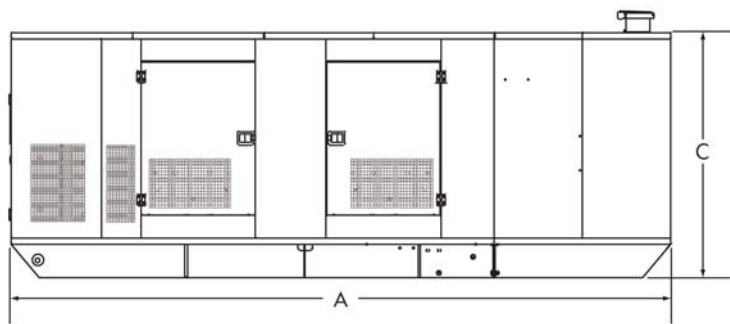
Optional Features

- Oil field type skid with dragging points

Sound Pressure Levels (dBA)

		50 Hz						60 Hz					
		15 m (50 ft)		7 m (23 ft)		1 m (3 ft)		5 m (50 ft)		7 m (23 ft)		1 m (3 ft)	
Generating		75%	100%	75%	100%	75%	100%	75%	100%	75%	100%	75%	100%
Set Model	LWA	Load	Load	Load	Load	Load	Load	Load	Load	Load	Load	Load	Load
P550PI	103	68.0	69.5	74.0	75.5	84.0	85.3	n/a	n/a	n/a	n/a	n/a	n/a
P605EI	103	68.4	70.1	74.4	76.1	84.4	85.8	n/a	n/a	n/a	n/a	n/a	n/a
P635EI	103	68.7	70.4	74.7	76.4	84.6	86.1	n/a	n/a	n/a	n/a	n/a	n/a
P600PI	103	68.4	70.0	74.4	76.0	84.4	85.8	n/a	n/a	n/a	n/a	n/a	n/a
P660EI	103	68.9	70.6	74.9	76.6	84.8	86.3	n/a	n/a	n/a	n/a	n/a	n/a
P635PI	103	68.7	70.4	74.7	76.4	84.6	86.1	n/a	n/a	n/a	n/a	n/a	n/a
P700EI	103	69.2	71.1	75.2	77.1	85.1	86.7	n/a	n/a	n/a	n/a	n/a	n/a
P675PI	TBA	n/a	n/a	n/a	n/a	n/a	n/a	70.7	72.4	76.7	78.4	86.6	88.1
P750EI	TBA	n/a	n/a	n/a	n/a	n/a	n/a	71.2	73.1	77.2	79.1	87.1	88.7

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)
P550PI	5880 (231)	1930 (76.0)	2200 (87.4)	2400 (94.5)	1008 (39.7)	6266 (13814)	1350 (357)
P605EI	5880 (231)	1930 (76.0)	2200 (87.4)	2400 (94.5)	1008 (39.7)	6266 (13814)	1350 (357)
P635EI	5880 (231)	1930 (76.0)	2200 (87.4)	2400 (94.5)	1008 (39.7)	6330 (13955)	1350 (357)
P600PI	5880 (231)	1930 (76.0)	2200 (87.4)	2400 (94.5)	1008 (39.7)	6330 (13955)	1350 (357)
P660EI	5880 (231)	1930 (76.0)	2200 (87.4)	2400 (94.5)	1008 (39.7)	6330 (13955)	1350 (357)
P635PI	5880 (231)	1930 (76.0)	2200 (87.4)	2400 (94.5)	1008 (39.7)	6430 (14176)	1350 (357)
P700EI	5880 (231)	1930 (76.0)	2200 (87.4)	2400 (94.5)	1008 (39.7)	6430 (14176)	1350 (357)
P675PI	5880 (231)	1930 (76.0)	2200 (87.4)	2400 (94.5)	1008 (39.7)	6535 (14176)	1350 (357)
P750EI	5880 (231)	1930 (76.0)	2200 (87.4)	2400 (94.5)	1008 (39.7)	6535 (14176)	1350 (357)

Weight with lube oil, no coolant, no fuel.

* Clearance required on both sides