



Al-qaswaa engineering fze
for Power Generating & Heavy Equipment

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Enclosure Genset 300 kVA - 635 kVA RANGE

The Al qaswaa sound attenuated enclosures accompanying the Perkins Power Generating set range are the result of continuing research and development by our specialist acoustic engineers.

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 on-site repair.



Robust / Highly Corrosion Resistant Constructi

- Stainless steel locks and hinges
- Zinc plated or stainless steel fasteners
- Enclosure made from galvanized steel

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

Excellent Access for Maintenance

- ◆ Full length extra wide doors on each side
- ◆ Radiator fill access plate
- ◆ Lube oil and cooling water drains piped to exterior of the enclosure

Transportability

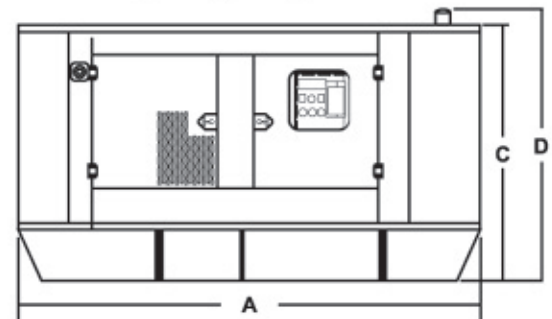
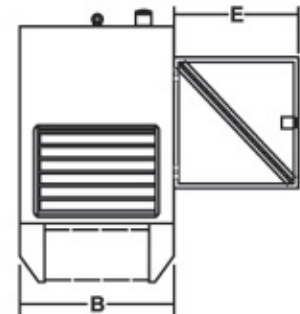
- ◆ Tested and Certified point lifting facility
- ◆ Lifting points on baseframe

Dimensions , Weight and Fuel Capacity

Model No.	Dim A : mm	Dim B : mm	Dim C : mm	Dim D : mm	Dim E : mm	Weight Kg (lb)	Fuel Cap. ltr (US gal)
PL 300	3860	1600	2115	2191	1000	3960	728(207)
PL 350	3860	1600	2115	2191	1000	4190	728(207)
PL 400	4570	1668	2150	2270	1000	4435	728(207)
PL 450	4570	1668	2150	2270	1000	4580	863(228)
PL 500	4570	1668	2150	2270	1000	5260	863(228)
PL 550	5350	1610	2600	2700	1000	6266	1350(356)
PL 635	5350	1610	2600	2700	1000	6430	1350(356)

Sound Pressure Levels

Model No.	@ 50 Hz			@ 60 Hz		
	15 m (50 ft) 75% / 100%	7 m (23 ft) 75% / 100%	1 m (3 ft) 75% / 100%	15 m (50 ft) 75% / 100%	7 m (23 ft) 75% / 100%	1 m (3 ft) 75% / 100%
PL 300	61.7 / 62.4	67.7 / 68.4	78.5 / 79.4	64.2 / 64.8	70.2 / 70.8	80.5 / 81.0
PL 350	61.7 / 62.4	67.7 / 68.4	78.5 / 79.4	64.2 / 64.8	70.2 / 70.8	80.5 / 81.0
PL 400	62.0 / 62.7	68.0 / 68.7	78.9 / 79.9	64.3 / 65.0	70.3 / 71.0	80.6 / 81.1
PL 450	62.3 / 62.8	68.3 / 68.8	79.3 / 80.4	64.6 / 65.5	70.6 / 71.5	80.8 / 81.5
PL 500	62.9 / 64.4	68.9 / 70.4	78.6 / 80.0	64.6 / 65.5	70.6 / 71.5	80.8 / 81.5
PL 550	63.3 / 65.1	69.3 / 71.1	79.0 / 80.7	64.6 / 65.5	70.6 / 71.5	80.8 / 81.5
PL 635	70.3 / 70.5	76.3 / 76.5	84.0 / 84.5	64.6 / 65.5	70.6 / 71.5	80.8 / 81.5



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