

Modular Acoustic Enclosure

P26-1S – P200-2 Range

The intelligent and striking design of the 26 – 200 kVA enclosure range meets the demands of diverse applications. Extremely durable, the enclosures are designed to resist corrosion and handling damage

Durable and Robust Construction

- Manufactured from galvanised steel
- Advanced powder coating paint finish
- Single piece main roof
- Baseframe extends beyond enclosure protecting against handling damage
- Minimal external fixings exposed to environment
- Zinc plated fasteners
- Corner posts and air handling units manufactured from high grade composite material

Excellent Service and Maintenance Access

- Side hinged doors on both sides of the enclosure incorporating lift-off hinges at 45 degrees
- Radiator fill via removable, flush mounted rain cap fitted with compression seal
- Lube oil cooling and water drains piped to baseframe side rail, on exterior
- Removable end panels allow access to radiator, exhaust outlet and alternator rear
- Doors positioned for optimum access to frequently serviced items



All YelloGen weatherproof sound attenuated enclosures are the result of continuing research and development by our specialist acoustic engineers. These enclosures reduce sound levels to comply with the Stage 2 levels of the European Community Directive 2000/14/EC which became effective 3 January 2006.

- Secure, lockable doors prevent unauthorised access to control panel, fuel fill and battery
- Tested and certified single point lifting facility
- Lifting and drag points on baseframe facilitating handling from both sides

Sound Attenuated (SA) Sound Pressure Levels (dBA)

Generating Set Model		LW A	50 Hz						60 Hz					
			15m (50ft)		7m (23ft)		1m (3ft)		15m (50ft)		7m (23ft)		1m (3ft)	
			75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load
3 Phase Models														
YGP33-1	Prime		59.7	61.7	65.7	67.7	75.7	78.1	59.8	61.9	65.8	67.9	76.8	79.0
	Standby	92	60.3	62.5	66.3	68.5	76.4	79.1	60.4	62.9	66.4	68.9	77.5	80.1
YGP33-2	Prime	92	60.8	63.1	66.8	69.1	76.7	79.7	-	-	-	-	-	-
	Standby	94	61.5	64.1	67.5	70.1	77.6	81.0	-	-	-	-	-	-
YGP44-1*	Prime	94	61.6	62.2	67.6	68.2	79.2	79.7	63.6	64.3	69.6	70.3	80.9	81.4
	Standby	-	61.8	62.4	67.8	68.4	79.4	80.0	63.9	64.6	69.9	70.6	81.1	81.6
YGP50-1	Prime	-	57.6	58.3	63.6	64.3	76.2	76.8	60.8	61.6	66.8	67.6	78.6	79.5
	Standby	91	57.8	58.7	63.8	64.7	76.4	77.0	61.1	62.1	67.1	68.1	78.9	80.0
YGP50-2	Prime	91	56.4	56.9	62.4	62.9	74.8	75.1	-	-	-	-	-	-
	Standby	90	56.6	57.1	62.6	63.1	74.9	75.1	-	-	-	-	-	-
YGP55-1	Prime	90	57.8	58.7	63.8	64.7	76.4	77.0	61.1	62.1	67.1	68.1	78.9	80.0
	Standby	91	58.1	59.0	64.1	65.0	76.6	77.3	61.4	62.5	67.4	68.5	79.3	80.5
YGP55-2	Prime	91	58.9	58.8	64.9	64.8	76.8	76.6	-	-	-	-	-	-
	Standby	91	58.9	58.8	64.9	64.8	76.8	76.6	-	-	-	-	-	-
YGP65-1	Prime	91	58.3	59.4	64.3	65.4	76.8	77.5	61.7	63.0	67.7	69.0	79.6	81.1
	Standby	91	58.6	59.7	64.6	65.7	77.0	77.7	62.1	63.5	68.1	69.5	80.0	81.6
YGP65-2	Prime	91	58.8	58.8	64.8	64.8	76.7	76.5	-	-	-	-	-	-
	Standby	91	58.8	58.7	64.8	64.7	76.7	76.4	-	-	-	-	-	-
YGP65-3	Prime	91	57.0	57.7	63.0	63.7	75.4	76.0	60.1	60.6	66.1	66.6	78.7	79.1
	Standby	92	57.2	58.0	63.2	64.0	75.5	76.2	60.3	60.8	66.3	66.8	78.8	79.2
YGP88-1	Prime	92	57.7	59.1	63.7	65.1	76.0	77.0	60.6	61.2	66.6	67.2	79.0	79.5
	Standby	92	58.1	59.8	64.1	65.8	76.2	77.4	60.8	61.5	66.8	67.5	79.2	79.6
YGP88-2	Prime	92	62.0	62.5	68.0	68.5	80.0	80.5	-	-	-	-	-	-
	Standby	95	62.1	62.8	68.1	68.8	80.2	80.7	-	-	-	-	-	-
YGP110-2	Prime	95	62.4	63.1	68.4	69.1	80.4	81.0	65.2	65.4	71.2	71.4	84.4	84.6
	Standby	96	62.6	63.5	68.6	69.5	80.6	81.3	65.2	65.5	71.2	71.5	84.5	84.7
YGP150-1	Prime	96	61.2	61.7	67.2	67.7	79.2	79.4	64.3	64.5	70.3	70.5	82.8	83.0
	Standby	96	61.4	61.8	67.4	67.8	79.3	79.4	64.4	64.6	70.4	70.6	82.9	83.1
YGP150-2	Prime	96	58.5	58.9	64.5	64.9	77.0	77.3	-	-	-	-	-	-
	Standby	95	58.6	59.1	64.6	65.1	77.1	77.5	-	-	-	-	-	-
YGP165-1	Prime	95	62.7	63.4	68.7	69.4	79.3	79.9	-	-	-	-	-	-
	Standby	96	62.9	63.7	68.9	69.7	79.5	80.2	-	-	-	-	-	-
YGP165-2	Prime	96	58.6	59.1	64.6	65.1	77.1	77.5	-	-	-	-	-	-
	Standby	95	58.8	59.4	64.8	65.4	77.2	77.7	-	-	-	-	-	-
YGP200-2	Prime	95	59.4	60.2	65.4	66.2	77.7	78.1	63.2	63.6	69.2	69.6	82.9	83.1
	Standby	94	59.6	60.5	65.6	66.5	77.8	78.3	63.3	63.8	69.3	69.8	83.0	83.2

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

*Uncertified

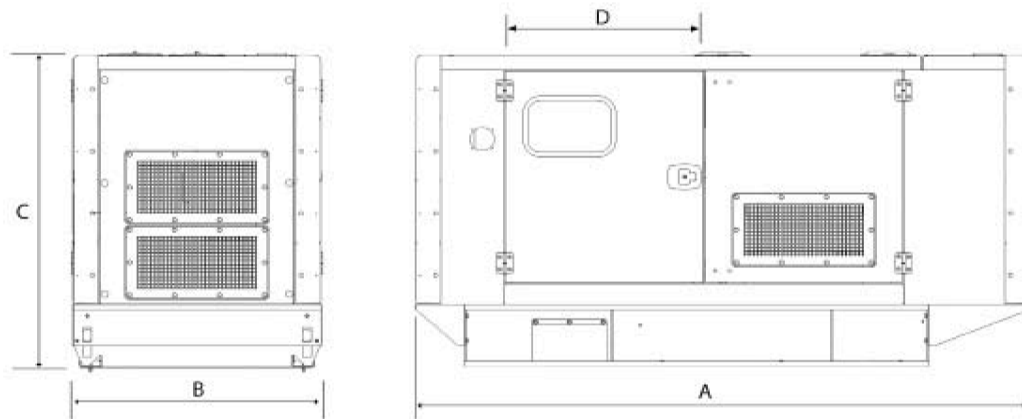
Sound Attenuated (SA) Sound Pressure Levels (dBA)

Generating Set Model		LW A	50 Hz						60 Hz					
			15m (50ft)		7m (23ft)		1m (3ft)		15m (50ft)		7m (23ft)		1m (3ft)	
			75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load
Single Phase Models														
YGP26-1S	Prime	92	59.7	61.7	65.7	67.7	75.7	78.1	-	-	-	-	-	-
	Standby		60.2	62.3	66.2	68.3	76.3	78.9	-	-	-	-	-	-
YGP26-2S	Prime	94	60.8	63.1	66.8	69.1	76.7	79.7	-	-	-	-	-	-
	Standby		61.3	69.3	67.3	69.9	77.4	80.8	-	-	-	-	-	-
YGP35-1S	Prime	91	57.4	58.0	63.4	64.0	75.9	76.5	60.5	61.3	66.5	67.3	78.4	79.1
	Standby		57.5	58.2	63.5	64.2	76.1	76.7	60.8	61.6	66.8	67.6	78.6	79.5
YGP35-2S	Prime	90	56.3	56.7	62.3	62.7	74.6	74.9	-	-	-	-	-	-
	Standby		56.4	56.9	62.4	62.9	74.7	75.0	-	-	-	-	-	-
YGP35-3S*	Prime	-	61.6	62.2	67.6	68.2	79.2	79.7	63.6	64.3	69.6	70.3	80.9	81.4
	Standby		61.8	62.4	67.8	68.4	79.3	79.9	63.9	64.6	69.9	70.6	81.1	81.6
YGP50-1S	Prime	91	58.1	59.1	64.1	65.1	76.6	77.3	61.1	62.1	67.1	68.1	78.9	80.0
	Standby		58.5	59.5	64.5	65.5	76.9	77.6	61.4	62.5	67.4	68.5	79.3	80.5
YGP50-2S	Prime	91	58.9	58.8	64.9	64.8	76.8	76.5	-	-	-	-	-	-
	Standby		58.8	58.8	64.8	64.8	76.7	76.4	-	-	-	-	-	-
YGP50-3S	Prime	92	56.9	57.5	62.9	63.5	75.3	75.8	60.0	60.5	66.0	66.5	78.6	78.9
	Standby		57.1	57.9	63.1	63.9	75.5	76.1	60.1	60.6	66.1	66.6	78.7	79.1
YGP80-2S	Prime	96	62.2	62.8	68.2	68.8	80.2	80.8	65.1	65.3	71.1	71.3	84.4	84.6
	Standby		62.4	63.1	68.4	69.1	80.4	81.0	65.2	65.4	71.2	71.4	84.4	84.6

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

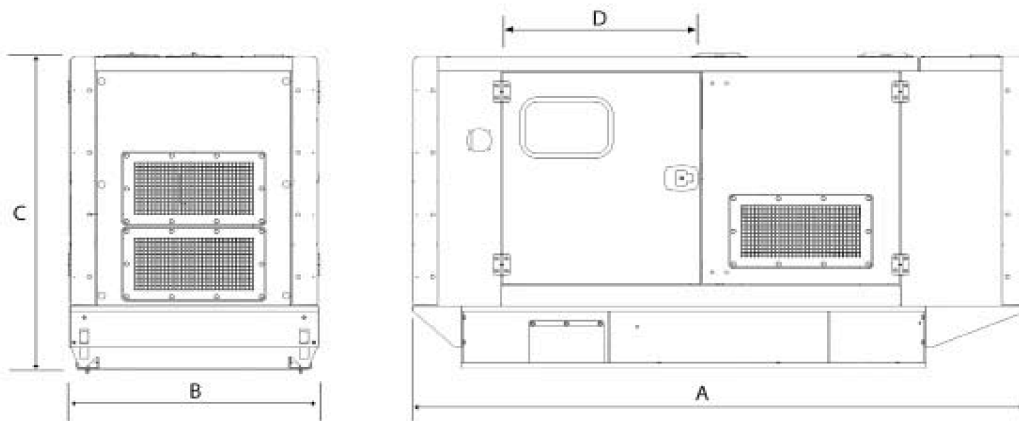
*Uncertified

Dimensions, Weights and Fuel Capacities



Generating Set Model	A: mm (in)	B: mm (in)	C: mm (in)	D*: mm (in)	Weight: kg (lb)	Fuel Capacity l (US gal)
3 Phase Models						
YGP33-1	2120 (83.5)	970 (38.2)	1525 (60.0)	718 (28.3)	991 (2185)	161 (43.0)
YGP33-2	2120 (83.5)	970 (38.2)	1525 (60.0)	718 (28.3)	991 (2185)	161 (43.0)
YGP44-1	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1293 (2851)	219 (58.0)
YGP50-1	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1250 (2756)	219 (58.0)
YGP50-2	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1242 (2738)	219 (58.0)
YGP55-1	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1250 (2756)	219 (58.0)
YGP55-2	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1290 (2844)	219 (58.0)
YGP65-1	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1300 (2866)	219 (58.0)
YGP65-2	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1340 (2954)	219 (58.0)
YGP65-3	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1378 (3038)	219 (58.0)
YGP88-1	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1440 (3175)	219 (58.0)
YGP88-2	2770 (109.1)	1120 (44.1)	1525 (60.0)	896 (35.3)	1540 (3395)	250 (66.0)
YGP110-2	2770 (109.1)	1120 (44.1)	1525 (60.0)	896 (35.3)	1600 (3527)	250 (66.0)
YGP150-1	3520 (138.6)	1120 (44.1)	1815 (71.5)	1145 (45.1)	2025 (4464)	349 (92.0)
YGP150-2	3520 (138.6)	1120 (44.1)	1815 (71.5)	1145 (45.1)	2065 (4553)	349 (92.0)
YGP165-1	3520 (138.6)	1120 (44.1)	1815 (71.5)	1145 (45.1)	2080 (4586)	349 (92.0)
YGP165-2	3520 (138.6)	1120 (44.1)	1815 (71.5)	1145 (45.1)	2120 (4674)	349 (92.0)
YGP200-2	3520 (138.6)	1320 (52.0)	1815 (71.5)	1080 (42.5)	2238 (4935)	418 (110)

*Clearance required on both sides of set. Weight with lube oil and coolant, no fuel.



Generating Set Model	A: mm (in)	B: mm (in)	C: mm (in)	D*: mm (in)	Weight: kg (lb)	Fuel Capacity l (US gal)
Single Phase Models						
YGP26-1S	2120 (83.5)	970 (38.2)	1525 (60.0)	718 (28.3)	991 (2185)	161 (43.0)
YGP26-2S	2120 (83.5)	970 (38.2)	1525 (60.0)	718 (28.3)	991 (2185)	161 (43.0)
YGP35-1S	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1340 (2954)	219 (58.0)
YGP35-2S	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1292 (2848)	219 (58.0)
YGP35-3S	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1343 (2961)	219 (58.0)
YGP50-1S	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1340 (2954)	219 (58.0)
YGP50-2S	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1380 (3042)	219 (58.0)
YGP50-3S	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1418 (3126)	219 (58.0)
YGP80-2S	2770 (109.1)	1120 (44.1)	1525 (60.0)	896 (35.3)	1710 (3770)	250 (66.0)