K RANGE

ACOUSTIC ENCLOSURE

Performance | Durability | Serviceability

CE

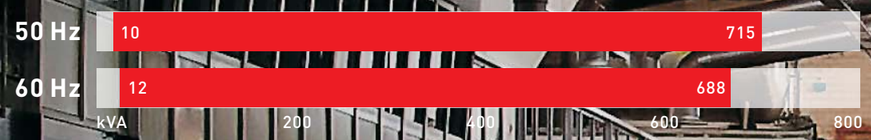
ISO 9001
BUREAU VERITAS
Certification

UKAS
MANAGEMENT
SYSTEMS

AGG Power Solutions™

K RANGE
ACOUSTIC ENCLOSURE

50 Hz 60 Hz

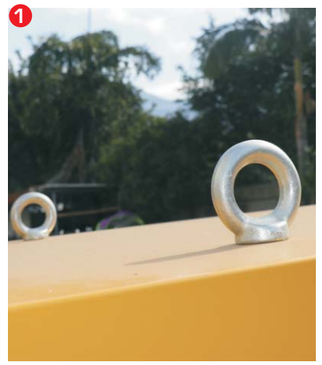


The innovative functional design of AGG Power K range enclosures ensures performance in the harshest of environments. Extremely durable and robust, these enclosures are designed to resist corrosion and handling damage with the ability to withstand rough handling common on kinds of applications.

Developed through continuing research and development by our specialist engineers, all AGG Power enclosures are fully weatherproof incorporating internally mounted exhaust silencers. Designed on modular principles, they have interchangeable components permitting on site repair. The enclosures also available for operation in high ambient environment up to 50°C, with no loss of cooling system performance.

Robust/Highly Corrosion Resistant Construction

1. High grade steel protected by polyester powder coat paint.
2. The robust main roof features a flush-mounted rain cap with compression seal, allowing access to the radiator fill whilst providing protection against water ingress.
3. Black finish stainless steel locks and hinges.



Transportability

1. Lifting points.
2. Dragging points and fork lift truck pockets-optional.

Security and Safety

- Control panel viewing window in a lockable access door.

- Emergency stop push button (red) mounted on enclosure exterior.

- Hot parts are fully guarded .

- Fuel fill and battery can only be reached via lockable access doors.

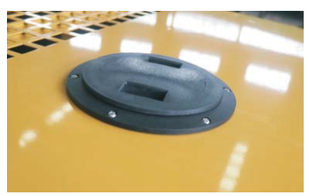
- Exhaust silencing system totally enclosed for operator safety.

- MCB mounted inner of control panel to protect the genset when operated.

Excellent Access for Maintenance

- Removable access panels on both sides of the Enclosure.

- Two large doors on each side.



- Radiator fill access plate.

- Lube oil drain valves / Coolant drain valves.

- Maintenance-free battery are standard equipped.

50HZ T

Diesel Generator | Three Phase

Powered by Perkins

P Series | 400V_Diesel 10kVA - 715kVA

Genset Model	ESP		PRP		Fuel Cons L/H (75%)	L*W*H (mm)	Engine Model	Weight	Cyl Arrangement	Displacement (L)
	KVA	KW	KVA	KW						
P10D5	10	8	9	7.2	2.3	1800*900*1260	403A-11G1	610	3L	1.1
P15D5	15	12	13	10	-	1800*900*1260	403A-15G1	730	-	-
P16.5D5	16.5	13	15	12	3.11	1800*900*1260	403A-15G2	730	3L	1.5
P22D5	22	18	20	16	4	1950*900*1260	404A-22G1	820	4L	2.2
P33D5	33	26	30	24	5.4	2000*1030*1551	1103A-33G	1050	3L	3.3
P50D5	50	40	45	36	8.2	2220*1030*1551	1103A-33TG1	1150	3L	3.3
P66D5	66	53	60	48	10.4	2220*1030*1551	1103A-33TG2	1173	3L	3.3
P72D5	72	58	65	52	11.2	2666*1086*1627	1104A-44TG1	1220	4L	4.4
P88D5	88	70	80	64	14	2666*1086*1627	1104A-44TG2	1260	4L	4.4
P110D5	110	88	100	80	17.1	2666*1086*1627	1104C-44TAG2	1440	4L	4.4
P150D5	150	120	135	108	22.7	3510*1110*1765	1106A-70TG1	2030	6L	7.0
P165D5	165	132	150	120	24.7	3510*1110*1765	1106A-70TAG2	2140	6L	7.0
P200D5	200	160	180	144	31.8	3510*1110*1765	1106A-70TAG3	2190	6L	7.0
P220D5	220	176	200	160	34.7	3510*1110*1765	1106A-70TAG4	2250	6L	7.0
P250E5	250	200	225	180	35.7	4128*1230*2212	1506A-E88TAG2	3171	6L	8.8
P275E5	275	220	250	200	41.6	4128*1230*2212	1506A-E88TAG3	3171	6L	8.8
P300E5	300	240	275	220	45.8	4128*1330*2212	1506A-E88TAG4	3381	6L	8.8
P330E5	330	264	300	240	48	4128*1330*2212	1506A-E88TAG5	3381	6L	8.8
P400E5	400	320	350	280	54	4930*1620*2221	2206C-E13TAG2	4025	6L	12.5
P450E5	450	360	400	320	62	4930*1620*2221	2206C-E13TAG3	4025	6L	12.5
P500E5	500	400	450	360	72	4930*1658*2317	2506C-E15TAG1	4833	6L	15.2
P550E5	550	440	500	400	76	4930*1658*2317	2506C-E15TAG2	4833	6L	15.2
P660E5	660	528	600	480	90	5320*1920*2289	2806C-E18TAG1A	5822	6L	18.1
P715E5	715	572	650	520	97	5320*1920*2289	2806A-E18TAG2	5852	6L	18.1

Sound-proof type

The rating is according to ISO 8528-1: + 25℃ mASL; 30% relative humidity. The power losses please consultant AGG Power Technical Apartment.

Further voltage rating are available under request: 50HZ_380V/415V/440V.

PRP-ISO8528: prime power is the maximum power available during a variable power sequence, which may be run for an unlimited number of hours per year, between stated maintenance intervals. The permissible average power output during at 24 hours period shall not exceed 80% of the prime power. 10% overload available for governing purposes only.

ESP-ISO8528: It is defined as the maximum power available, under the agreed operating conditions, for which the generating set is capable of delivering for up to 500 h of operation per year (of which no more than 300 h for continuative use) with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. No overload capability is available.

Diesel Generator | Three Phase

Powered by Perkins

P Series | 220/440V_Diesel 12kVA - 688kVA

60HZ T

Genset Model	ESP		PRP		Fuel Cons L/H (75%)	L*W*H (mm)	Engine Model	Weight	Cyl Arrangement	Displacement (L)
	KVA	KW	KVA	KW						
P12D6	12	10	11	8.8	2.3	1800*900*1260	403D-11G	610	3L	1.1
P17D6	17	14	15	12	5.5	1800*900*1260	403D-15G	730	-	1.5
P20D6	20	16	18	14.4	NA	1800*900*1260	403A-15G2	730	3L	1.5
P27D6	27	22	24	19.2	4.8	1950*900*1260	404D-22G	820	4L	2.2
P38D6	38	30	35	28	6.6	2000*1030*1551	1103A-33G	1050	3L	3.3
P59D6	59	47	53	42.4	9.9	2220*1030*1551	1103A-33TG1	1150	3L	3.3
P75D6	75	60	68	54.4	12.5	2220*1030*1551	1103A-33TG2	1173	3L	3.3
P84D6	84	67	76	60.8	13.5	2666*1086*1627	1104A-44TG1	1220	4L	4.4
P100D6	100	80	91	72.8	16.9	2666*1086*1627	1104A-44TG2	1260	4L	4.4
P125D6	125	100	112.5	90	20.2	2666*1086*1627	1104C-44TAG2	1440	4L	4.4
P169D6	169	135	152	121.6	26.5	3510*1110*1765	1106A-70TG1	2030	6L	7.0
P188D6	188	150	169	135.2	29.1	3510*1110*1765	1106A-70TAG2	2140	6L	7.0
P220D6	220	176	200	160	35.3	3510*1110*1765	1106A-70TAG3	2190	6L	8.8
P269D6	269	215	245	196	41.8	4128*1230*2212	1506A-E88TAG2	3171	6L	8.8
P313D6	313	250	281	224.8	47.5	4128*1230*2212	1506A-E88TAG3	3171	6L	8.8
P344D6	344	275	313	250.4	51.1	4128*1330*2212	1506A-E88TAG4	3381	6L	8.8
P375D6	375	300	338	270.4	56.8	4128*1330*2212	1506A-E88TAG5	3381	6L	8.8
P438D6	438	350	400	320	62	4930*1620*2221	2206A-E13TAG2	4025	6L	12.5
P563D6	563	450	500	400	78	4930*1658*2317	2506A-E15TAG1	4833	6L	15.2
P688D6	688	550	625	500	95	5320*1920*2289	2806A-E18TAG1A	5822	6L	18.1

Sound-proof type

The rating is according to ISO 8528-1: + 25℃ mASL; 30% relative humidity. The power losses please consultant AGG Power Technical Apartment.

Further voltage rating are available under request: 60HZ_208V/240V/380V/440V/480V.

PRP-ISO8528: prime power is the maximum power available during a variable power sequence, which may be run for an unlimited number of hours per year, between stated maintenance intervals. The permissible average power output during at 24 hours period shall not exceed 80% of the prime power. 10% overload available for governing purposes only.

ESP-ISO8528: It is defined as the maximum power available, under the agreed operating conditions, for which the generating set is capable of delivering for up to 500 h of operation per year (of which no more than 300 h for continuative use) with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. No overload capability is available.

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