

ALBA GENERATORS

GENERATOR SALES • SERVICES • RENTALS

PERKINS SERIES SPECIFICATION

50Hz @ 1500RPM 11-2500KVA

Features

- Perkins as the worlds leading power manufacturer.
- Advanced technology and powerful performance.
- Compact mechanism and mature desingn.
- Good cooling system.
- LED digital display and modular control.
- Multiple safe ty measures.
- Rigorous factory test.

Benefits

- More safe,stable and reliable power.
- More economical with long service life.
- Beautiful appearance and small size.
- Adapt to various complex environment.
- User-friendly design and simple operation.
- People-oriented and safety first.
- Quality assurance.



Power by Perkins Engine (11- 450KVA)



GENSET SPECIFICATION 400/230V				ENGINE SPECIFICATION				GENSET CANOPY DATA		GENSET OPEN DATA	
Genset Model	KVA		Cons 100(L/H)	Engine Model	Cyl	Gov	Diplace ment(L)	Dimention	Weight (Kg)	Dimention	Weight (Kg)
	ESP	PRP									
AG11P	10	9.125	2.6	403D-11G	3L	M	1.313	1900*730*1140	532	1480*750*1270	352
AG15P	14	13	6.8	403D-15G	3L	M	1.496	1900*730*1140	603	1480*750*1270	423
AG22P	22	20	5.4	404D-22G	4L	M	2.216	2100*730*1140	673	1630*750*1320	493
AG33P	33	30	7.1	1103A-33G	3L	M	3.3	2250*850*1290	1300	1780*750*1430	762
AG50P	50	45	10.7	1103A-33TG1	3L	M	3.3	2450*1080*1865	1426	1850*750*1430	870
AG66P	66	60	13.9	1103A-33TG2	3L	M	3.3	2450*1080*1865	1426	1950*750*1430	890
AG72P	72	65	14.8	1104A-44TG1	4L	M	4.4	2670*1080*1865	1675	2220*750*1530	978
AG88P	88	80	18.7	1104A-44TG2	4L	M	4.4	2670*1080*1865	1715	2220*750*1530	1018
AG110P	110	100	22.6	1104C-44TAG2	4L	Electronic	4.4	2670*1080*1865	1790	2220*750*1530	1090
AG150P	150	138	31.5	1006TAG	6L	Electronic	5.99	3200*1080*2000	1951	2620*770*1570	1376
AG165P	165	150	41	1006TAG2	6L	Electronic	5.99	3200*1080*2000	1991	2620*770*1570	1416
AG220P	220	200	45.4	1106TA-70TAG4	6L	Electronic	7.01	3500*1080*2120	2720	2620*770*1570	1695
AG250P	250	228	48.5	1306C-E87TAG4	6L	ECU	8.7	4000*1288*2150	2720	2920*930*1810	1695
AG275P	275	250	45	1306C-E87TAG6	6L	ECU	8.7	4000*1288*2150	3080	2920*930*1810	2035
AG300P	300	275	56	1606A-E93TAG4	6L	ECU	9.3	4350*1400*2260	4895	3500*1150*2000	3420
AG330P	330	300	61	1606A-E93TAG5	6L	ECU	9.3	4350*1400*2260	4895	3500*1150*2000	3420
AG400P	400	350	71	2206A-E13TAG2	6L	ECU	12.5	4350*1400*2260	4895	3500*1150*2000	3420
AG450P	450	400	81	2206A-E13TAG3	6L	ECU	12.5	4350*1400*2260	5260	3500*1150*2000	3480

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Power by Perkins Engine (500-2500KVA)



GENSET SPECIFICATION 400/230V				ENGINE SPECIFICATION				GENSET CANOPY DATA		GENSET OPEN DATA	
Genset Model	KVA		Cons 100(L/H)	Engine Model	Cyl	Gov	Diplace ment(L)	Dimention	Weight (Kg)	Dimention	Weight (Kg)
	ESP	PRP									
AG500P	500	450	95	2506A-E15TAG1	6L	ECU	15.2	4650*1400*2260	5305	3830*1190*2020	3583
AG550P	550	500	100	2506A-E15TAG2	6L	ECU	15.2	4650*1400*2260	5330	3830*1190*2020	3691
AG660P	660	600	129	2806A-E18TAG1A	6L	ECU	18.13	5260*2000*2260	7848	3750*1550*2080	4298
AG715P	715	650	132	2806A-E18TAG2	6L	ECU	18.13	5260*2000*2260	8003	3750*1550*2080	4453
AG800P	800	725	159	4006-23TAG2A	6L	Electronic	22.921	ISO 20GP	8863	4320*1730*2180	5413
AG880P	880	800	175	4006-23TAG3A	6L	Electronic	22.921	ISO 20GP	8872	4320*1730*2180	5422
AG1100P	1100	1000	220	4008TAG2A	8L	Electronic	30.561	ISO 40GP	15539	5050*2070*2450	7639
AG1375P	1375	1250	259	4012-46TWG2A	12V	Electronic	45.482	ISO 40GP	17030	4760*2020*2481	9230
AG1500P	1500	1375	283	4012-46TWG3A	12V	Electronic	45.482	ISO 40GP	17300	4760*2020*2481	9500
AG1650P	1650	1500	301	4012-46TWG2A	12V	Electronic	45.842	ISO 40GP	17520	4950*2200*2460	9720
AG8500P	1850	1650	370	4012-46TWG3A	12V	Electronic	45.842	ISO 40GP	17600	5030*2180*2600	9820
AG1875P	1875	1705	370	4012-46TWG3A	12V	Electronic	45.842	ISO 40GP	17800	5030*2180*2600	10000
AG2030P	2030	1845	383	4016TAG1A	16V	Electronic	61.123	ISO 40GP	NA	6350*2900*3230	13155
AG2260P	2260	2050	434	4016TAG2A	16V	Electronic	61.123	ISO 40GP	NA	6350*2900*3230	13450
AG2500P	2420	2200	473	4016-61TRG3	16V	Electronic	61.123	ISO 40GP	NA	6350*2900*3230	15000

CONTAINERIZED GENERATOR

Main Features

All containers used by ALBA. Are sized according to ISO norms(20' or 40 ' feet). These are worked to optimize genset cooling flow and noise level. Some models may have different dimensions depending on the client's request. All models are standard provided with a twist-lock system for easy transport on a truck.

Standard Equipment

- ◆ Twist
- ◆ Lock system
- ◆ Double side doors
- ◆ Double door to access mufflers
- ◆ Control panel access door
- ◆ Indoor lighting
- ◆ Engine starter
- ◆ Fuel pump
- ◆ Fuel settler
- ◆ Battery
- ◆ Fuel filter
- ◆ Oil filter
- ◆ Oil extracting pump
- ◆ Radiator expansion tank
- ◆ Guard Evolution control panel
- ◆ Circuit breaker
- ◆ Earth fault relay (manual version only)
- ◆ Fuel tank(capacity depending on each model)
- ◆ Fuel plug
- ◆ Key locks
- ◆ Steel structure
- ◆ Hot galvanised sheet steel
- ◆ Set powder paint
- ◆ Sound attenuating material made from polyurethane textile according class 1 fire resistance norms
- ◆ Insulating jacket on exhaust line
- ◆ Lifting eyes
- ◆ Door gaskets with structural rivets (not adhesive), the used in the automotive industry
- ◆ External exhaust muffler with protection grills



The control panel is usually housed in the back of the container. Upon request, the control panel can be segregated from the rest of the container via an insulated divider



Details

Genset cooling is guaranteed by a sound attenuating system of air intake and expulsion based on engine type to be installed, noise level to be achieved and other factors.



The roof and walls are insulated with rock wool and fibrous and metal protections. the whole exhaust line is covered by insulation iackets, insulated divider.

SILENT TYPE GENSET

We apply the same high standards in designing and building our enclosures as we do our generators sets. Our weather protective and sound - attenuated enclosures deliver superior durability, security, and convenience. In addition, there are several exclusive ALBA enclosure features.

Internal Exhaust Silencer System

The internal silencer system enhances generator set safety, aesthetic, and silencer life. Hot exhaust pipes stay out of reach, and the silencer stays out of the elements.

Sound Attenuation

In addition to weather protective enclosures, sound attenuated and super sound attenuated enclosures are offered.

Excellent Maintenance Access

As a safety feature, the circuit breaker is mounted close to the control panel. All models feature heavy gauge doors on either side to allow generous access for maintenance.



20 kva diesel generator set with super sound attenuated canopy

Corrosion protection

- ◆ Body made of galvanized steel,
- ◆ Polyester powder coating.
- ◆ Superior corrosion resistance results in proven long lasting exterior finish.



40 kva diesel generator set with sound attenuated canopy



218 kva diesel generator set with road trailer



10-250 kva diesel generator set with sound attenuated canopy

MOBILE LIGHT TOWER

Use a Wide Range

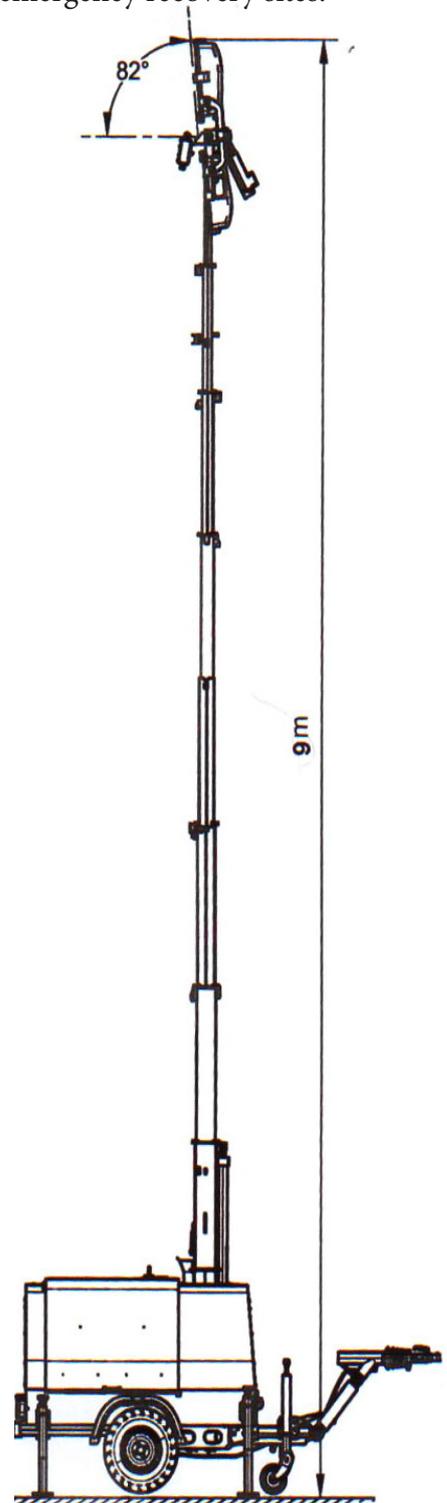
With high luminous flux, wide lighting scope. Mobile lighting tower is widely applied in various fields, like airports, docks, mining sites, stadiums, railway construction sites, emergency recovery sites.

Energy- Efficient Metal Halide Lamps

Metal halide lamp can provide enough brightness with little energy, which is one of the most efficient ways to convert electrical energy into light, compared with other lamps, their light is closer to natural light featuring by longer service life, compact structure and lower energy consumption, it is widely used in various industries.

Compact Structure for High Efficiency

ALBA lighting tower mainly consists of a generator set, a telescopic mast, a lighting kit and a trailer. The generator set is featured by large access door for convenient maintenance and large fuel tank for long time work. The telescopic mast can reach 9 meters high at maximum with strong wind resistant performance, and can rotate 360 degree, allowing illumination in all directions. And the trailer makes the machine easy to move. The machine is designed compactly and easy to move. and to store. It can meet requirements of various applications.



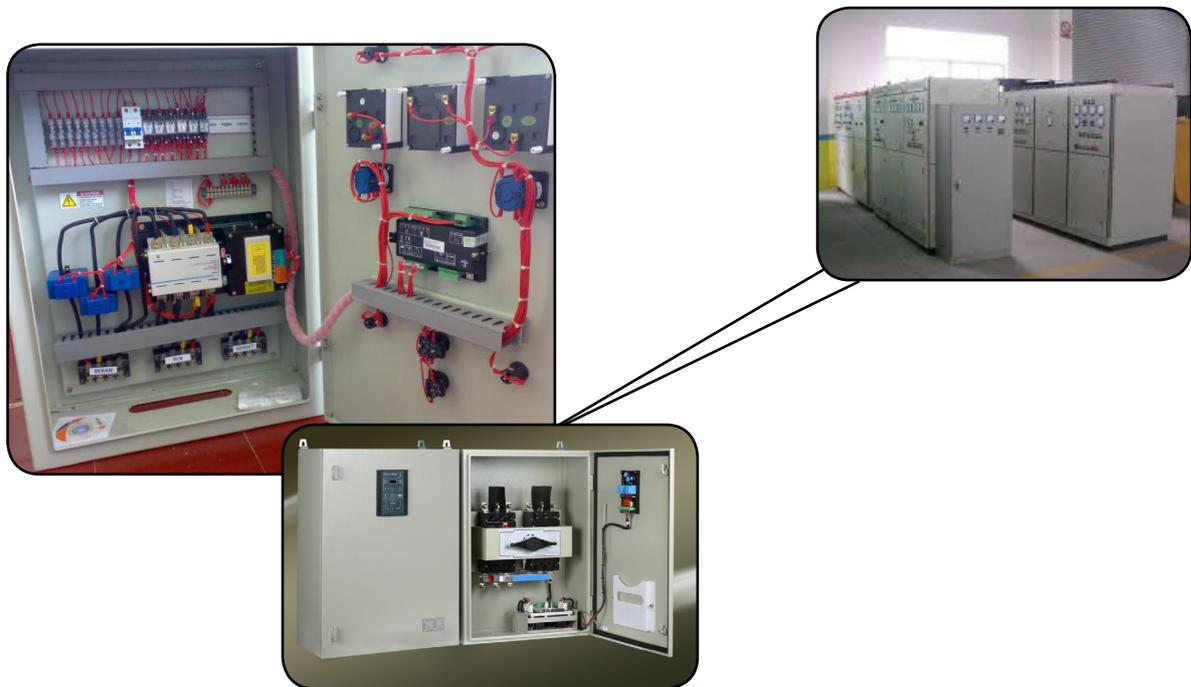
AUTO Matic TRANSFER SWITCH(ATS)

Main Features

- ◆ ALBA automatic transfer switch is mainly used for the automatic transfer between the mains and emergency power supply.
- ◆ ALBA automatic transfer switch is controlled by the ATS controller or AMF module. When the mains is normal, the switch transfers to mains side. When the mains is off, it sends fault and time-lapse startup signal to the generator set. After the generator set starts normally and generating voltage becomes stable, transfer the switch to the generating side. If the generating voltage is not stable, the switch will not transfer. After the mains recovers, the switch sends signal of time-lapse shutdown.

Avantages

Features	Advantages
The world's leading switch brand	Safety control
Mechanical interlock and electrical interlock	Safety insurance
Internal U shaped channel steel frame and clear routing	Reasonable electrical safety performance
Use changeable terminal to link the external	Safe
Available lighting protection function	Quality assurance
Rigorous factory test	Convenient for installation, operation, maintenance, detection and replacement
Complete technical datasheet	





www.albagenerators.com

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