

DIESEL GENERATOR SETS



Life is better with power

HarbinGer
Power Generation

The real people get to know your need.

◆ **About the company:**

Harbinger is the leading manufacturer of diesel generator sets and lighting towers, principally for the construction and mining industries worldwide. Since established in 2002, we have been keeping customers on the forefront of technology innovation and industry solution, with focus on quality improvement and process optimization. Harbinger is located in Yangzhou, Jiangsu Province, which is about 300km from Shanghai.

◆ **Service:**

To us, customers' satisfaction is what we are pursuing than anything else. Harbinger is always proud of serving customers with high quality and superior after-sale service. Harbinger promises you that your life will be brighter, safer and more efficient with our products. Your success is our success!

◆ **Our Commitment:**

You've changed, so have we. As you adapt to meet new demands, we've transformed our business too. We've always had leading technology and a keen sense of how to make the most of it. We like to understand what you wish to achieve, and work alongside you as you reach to meet your business goals. We can provide full industry solutions to help you to grow your business. Helping our customers achieve sustainable outcomes through our solutions, services and products is also important to us, alongside improving our own sustainability.





◆ Excellent performance

Our company chooses global engine and good performance alternators, matching them different controllers. We try to provide our clients generators in good condition and stable operation.



◆ Outstanding control system

The control system is with multifunctional, module design and the electric management system combined. With the function of auto start, auto protection, auto switch between mains and generator, parallel running and remote communication etc., the comprehensive, intellectualized and networking management and control make the generator set run in best status, and avoid the incidental injury. The perfect human-computer interface guiding the operation, makes the convenient using.



◆ Strong environmental adaptability

The product can reliably running from -40°C to 50°C , with good low temperature start ability. It also can normally running in cold, tropical area, sand storm area and humid condition.

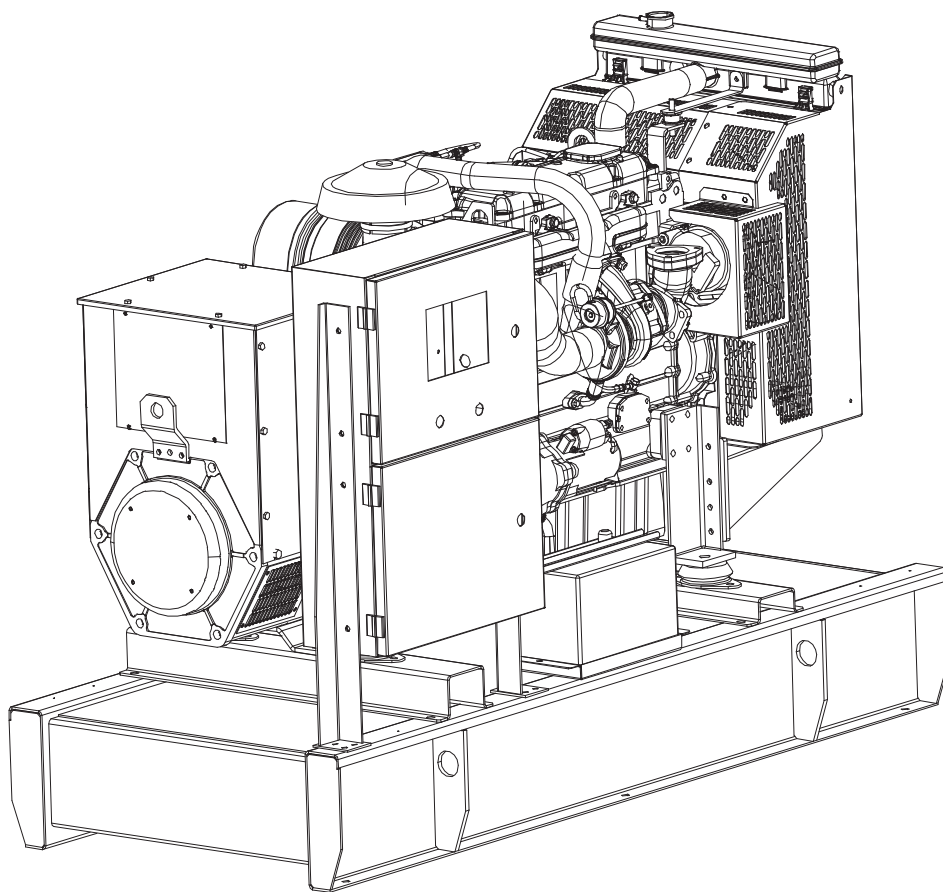
◆ **Products:**

Our products have been widely used in a variety of industries and specialties, which including:

- * Road construction
- * Commercial construction
- * Oil and mining
- * Mechanics
- * Government and military
- * Special events
- * Emergency power generation



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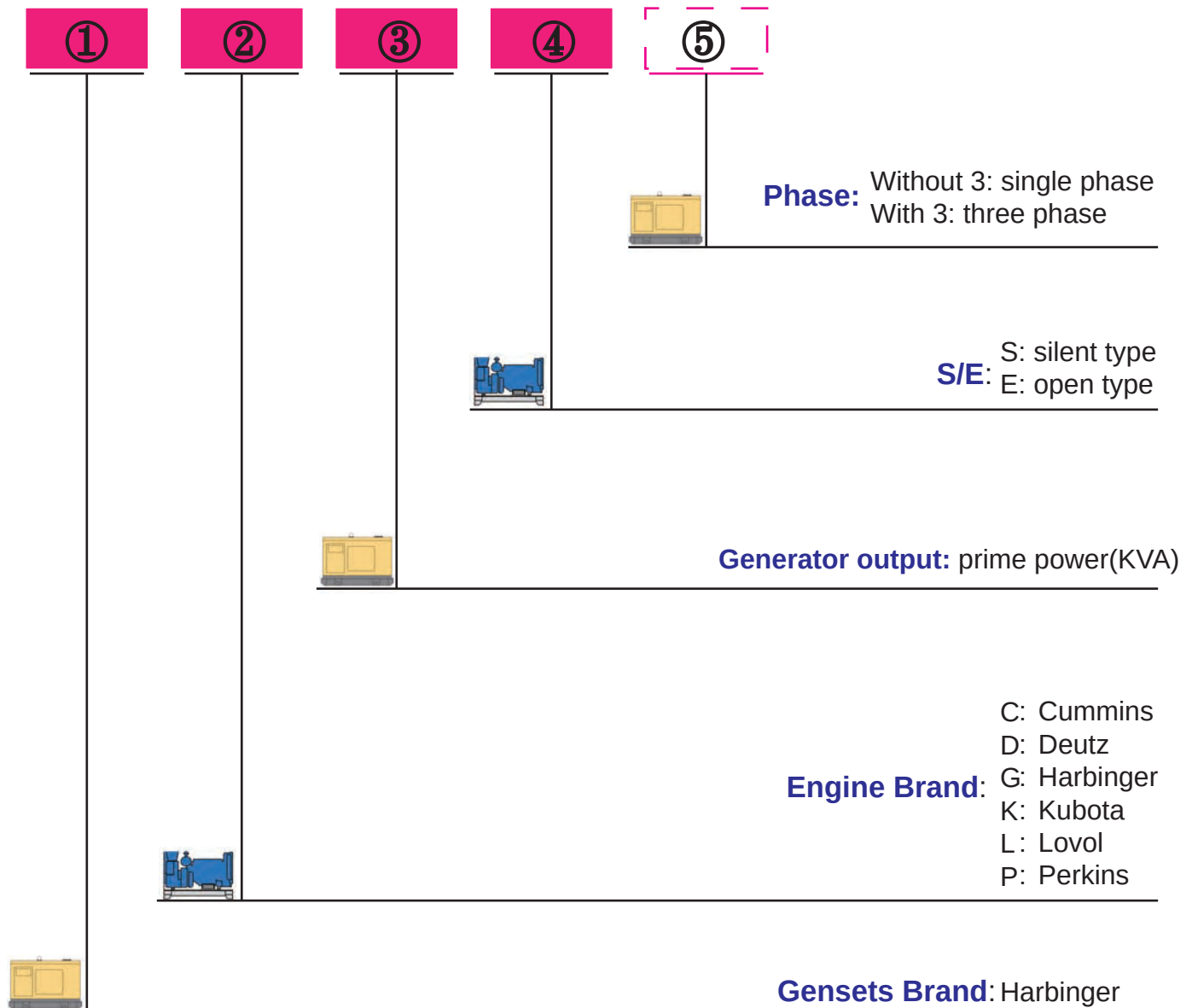
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Generator Type



For example:

HP50E3 means Harbinger-branded generator with Perkins engine at 50KVA output, open type, three phase.

KVA:

Prime Power (PRP): prime power is available for an unlimited number of annual operating hours in variable load applications; in accordance with ISO8528-1. A 10% overload capability is available for a period of 1 hour within a 12-hour period of operation, in accordance with ISO3046-1.

Standby Power Rating (ESP): the standby power rating is applicable for supplying emergency power for the duration of a utility power interruption. No overload, utility parallel or negotiated outage operation capability is available at this rating.

Diesel Generator Set/HD Series



HDA5500E



HDA5500SS



HDA5500S

◆ Feature

- ✦ High durability of maximum performance
- ✦ Powered by reliable AIR-cool diesel engine
- ✦ Easy operation and maintenance
- ✦ Easy movement and suitable to work outdoors
- ✦ Quick fix electrical power connection
- ✦ Low operating cost results in optimal economy

Model	HDA5500E	HDA5500S	HDA5500SS
Genset			
Phase No	1	1	1
Rated Frequency(HZ)	50/60	50/60	50/60
Standby Power (KVA)	5/5.5	5/5.5	5/5.5
(KW)	5/5.5	5/5.5	5/5.5
Prime Power (KVA)	4.5/5	4.5/5	4.5/5
(KW)	4.5/5	4.5/5	4.5/5
Rated Voltage(V)	115/230,150/240	115/230,150/240	115/230,150/240
Rated Amps(A)	39.2/19.6,41.7/20.8	39.2/19.6,41.7/20.8	39.2/19.6,41.7/20.8
Rated Speed(r/min)	3000/3600	3000/3600	3000/3600
Engine			
Make	Harbinger	Harbinger	Harbinger
Model	HG186FA	HG186FA	HG186FA
Power Output(KW/rpm)	5.7/6.3	5.7/6.3	5.7/6.3
Displacement(L)	0.418	0.418	0.418
Starting System	Electric&Ecoil	Electric	Electric
Fuel Consumption(L/h)	2.5	2.5	2.5
Generator			
Make	Harbinger	Harbinger	Harbinger
Eciter Type	Brush	Brush	Brush
Power Factor	1	1	1
Insulation Grade	H	H	H
Pole No	2	2	2
Exitation mode	AVR	AVR	AVR
Capacities			
Fuel Tank(L)	13.5	13.5	13.5
Approximate Run Time hrs	6	6	9.5
Dry Weight(kg)	100	165	190
Dimensions-L*W*H,mm	690*620*770	720*492*655	960*540*690
Cooling System	Air Cooling	Air Cooling	Air Cooling
Noise Level	77	72	69

specification

Diesel Generator Set/Scope Of Supply

◆ Design » Heavy duty, water cooled, base mounted » Three phase 50/60HZ, re-connectable O/P voltage » Control panel with electronic digital control module » Anti-vibration mounts for engine and alternator » Fabricated steel base skid, anti corrosion and integrated » Fuel tank » Four hoist lifting points » SAE standard engine and alternator coupling » Standard paint for engine and alternator	◆ Control System » Micro processor bases » Manual /Automatic Control » Emergency stop button » AC circuit breaker with enclosure » Monitoring of generating set functions » Generator set parameters display » Automatic protection system
◆ Engine » Perkins complying with ISO 3046 » Heavy duty diesel engine /4 - Stroke, naturally aspirated » Turbocharged, direct injection and water cooled » 12/24 Volt engine electric starting system	◆ Alternator » Mecc-Alte /Stamford » Single Bearing type » 6/12 leads,re-connectable » O/P terminals:380-415 V@ 50 Hz, 380 -480V@60 Hz » Voltage Regulation $\pm 1\%$ » Automatic Voltage Regulator(AVR) » IP21/23 protection » Insulation Class“H”] » Brushless Self Exciting » Axial Self Ventilated
◆ Options » Grounding Rod » Separate Fuel tank » Trailer » Oil pre-header » Tropical radiator for 50 °C » Engine water /fuel separator » Engine coolant heater » Residential/critical type exhaust silencer » Automatic Transfer Switch	◆ Features ✦ High durability of maximum performance ✦ Powered by reliable water-cool diesel engine ✦ Easy operation and maintenance ✦ Easy movement and suitable to work outdoors ✦ Quick fix electrical power connection ✦ Low operating cost results in optimal economy ✦ Super silent, superior life



Diesel Generator Set/HG Series

Prime Power: 8KVA-20KVA

Model	HG8S	HG10S	HG12S	HG15S	HG25S	HG10S3	HG15S3	HG20S3
Genset								
Phase No	1	1	1	1	1	3	3	3
Rated Frequency(HZ)	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Standby Power (KVA)	9/10	11/15	13/16	16/21	27.5/33	11/12	16/20	22/23
Standby Power (KW)	9/10	11/15	13/16	16/21	27.5/33	8.8/9.6	12.8/16	17.6/18.4
Prime Power (KVA)	8/9	10/12	12/14	15/18	25/30	10/11	15/18	20/21
Prime Power (KW)	8/9	10/12	12/14	15/18	25/30	8/8.8	12/14.4	16/16.8
Rated Voltage(V)	220	220	220	220	220	230/400	230/400	230/400
Rated Amps(A)	33.3/37.5	41.6/50	50/60	62.6/75	104.2/125	33.3/19.3,26.6/21	50/28.9,60/34.7	66.6/38.6,70/40.5
Rated Speed(r/min)	1500/1800	1500/1800	1500/1801	1500/1800	1500/1800	1500/1800	1500/1800	1500/1800
Engine								
Make	Harbinger	Harbinger	Harbinger	Harbinger	Harbinger	Harbinger	Harbinger	Harbinger
Model	380D	480D	485D	490D	4102D	380D	485D	490D
Power Output(KW/rpm)	11.2/13	15.3/18	17/20	22/25	28/30	11.2/13	17/20	22/25
Displacement(L)	1.532	1.809	2.156	2.156	3.168	1.532	2.156	2.156
Starting System	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric
Fuel Consumption(L/h)	3.05	4.10	4.10	6.10	9.10	3.05	4.10	6.10
Generator								
Make	Harbinger	Harbinger	Harbinger	Harbinger	Harbinger	Harbinger	Harbinger	Harbinger
Eciter Type	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless
Power Factor	1	1	1	1	1	0.8	0.8	0.8
Insulation Grade	H	H	H	H	H	H	H	H
Pole No	4	4	4	4	4	4	4	4
Exitation mode	AVR	AVR	AVR	AVR	AVR	AVR	AVR	AVR
Capacities								
Fuel Tank(L)	46	46	46	46	46	46	46	46
Approximate Run Time hrs	8	8	8	8	8	8	8	8
Dry Weight(kg)	540	570	580	610	775	540	610	750
Dimensions-L*W*H,mm	1450*810*1000	1950*890*1150	1950*890*1150	1950*890*1150	2120*950*1290	1450*810*1000	1950*890*1150	1950*890*1150
Cooling System	Water Cooling	Water Cooling	Water Cooling	Water Cooling	Water Cooling	Water Cooling	Water Cooling	Water Cooling
Noise Level	71	65	65	65	65	71	65	65

Prime Power: 30KVA-250KVA

Model	HG30S3	HG40S3	HG50S3	HG70S3	HG90S3	HG125S3	HG150S3	HG250S3
Genset								
Phase No	3	3	3	3	3	3	3	3
Rated Frequency(HZ)	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Standby Power (KVA)	33/36	44/48.4	55/60	77/84	99/108	137/150	165/181	275/302
Standby Power (KW)	26.4/28.8	35.2/38.7	44/48	61/67	79/87	109/120	132/144	220/242
Prime Power (KVA)	30/33	40/44	50/55	70/77	90/99	125/137	150/165	250/275
Prime Power (KW)	24/26.4	32/35.2	40/44	56/61.6	72/79.2	100/109	120/132	200/220
Rated Voltage(V)	230/400	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Rated Amps(A)	100/57.8,110/63.	57.73	72.17	101.03	129.9	180.42	216.5	360.8
Rated Speed(r/min)	1500/1800	1500/1800	1500/1800	1500/1800	1500/1800	1500/1800	1500/1800	1500/1800
Engine								
Make	Harbinger	Harbinger	Harbinger	Harbinger	Harbinger	Harbinger	Harbinger	Harbinger
Model	4102D	3A2Z-D	4B5-D	4B3Z-D	4M3L-D	6A3L-DA	6B3L-DA	LR6S4L-DA
Power Output(KW/rpm)	28/30	38/42	46/50	64/72	80/88	112/122	127/140	220/240
Displacement(L)	3.168	3.12	5.18	4.58	4.75	6.49	6.87	9.72
Starting System	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric
Fuel Consumption(L/h)	9.1	10.7	13	18.7	22.6	33.3	41	50.5
Generator								
Make	Harbinger	Harbinger	Harbinger	Harbinger	Harbinger	Harbinger	Harbinger	Harbinger
Eciter Type	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless
Power Factor	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Insulation Grade	H	H	H	H	H	H	H	H
Pole No	4	4	4	4	4	4	4	4
Exitation mode	AVR	AVR	AVR	AVR	AVR	AVR	AVR	AVR
Capacities								
Fuel Tank(L)	46	170	170	170	170	430	430	430
Approximate Run Time hrs	8	24	24	24	24	24	24	24
Dry Weight(kg)	920	1420	1460	1850	1900	2450	2550	3840
Dimensions-L*W*H,mm	2120*950*1290	2700*1100*1500	2700*1100*1500	2700*1100*1500	2700*1100*1500	3440*1300*1740	3440*1300*1740	3960*1260*2200
Cooling System	Water Cooling	Water Cooling	Water Cooling	Water Cooling	Water Cooling	Water Cooling	Water Cooling	Water Cooling
Noise Level	65	72	72	72	72	72	72	72

Diesel Generator Set/HP Series

◆ Reliable and Safe

- Powered by world famous Perkins engines
- Load from 0-100% frequency vibration within $\pm 0.25\%$
- No load wire volts max undulation ratio within 0.5%
- The fully covered load centre houses all the outlets, compressions terminals, and circuit breakers.
- Fully PC or front panel configuration, automatic shutdown when fault condition occurs.



Parameters of diesel generators: 1500rpm, 50HZ, three-phase, 400/230V, powered factor 0.8

MODEL	KVA		KW		Engine	Alternator	Cylinder	Displacement	Dimension(L*W*H/set)		Weight(kg/set)	
	Prime	Standby	Prime	Standby	Perkins	Stamford	Qty	L	Open skid	Soundproof	Open skid	Soundproof
HP10E3/S3	10	11	8	9	403D-11G	P1044E	3	1.1	1360*600*1100	1940*930*1320	390	540
HP13E3/S3	13	14	10	11	403D-15G	P1044F	3	1.5	1450*600*1120	1940*930*1320	415	605
HP20E3/S3	20	22	16	18	404D-22G	P1044D	4	2.2	1710*600*1230	2195*950*1460	495	675
HP26E3/S3	26	29	20	23	404D-22TG	P1144F	4	2.2	1560*600*1230	2150*870*1370	540	720
HP30E3/S3	30	33	24	26	1103A-33G	P1044G	3	3.3	1850*840*1330	2340*1050*1560	765	1150
HP45E3/S3	45	36	36	29	1103A-33TG1	UCI224D	3	3.3	1904*800*1390	2340*1050*1560	870	1300
HP60E3/S3	60	66	48	53	1103A-33TG2	UCI224E	3	3.3	2015*800*1470	2580*1120*1630	890	1430
HP65E3/S3	65	71	52	57	1104A-44TG1	UCI224F	4	4.4	2170*810*1370	2890*1130*1680	980	1675
HP80E3/S3	80	88	64	70	1104C-44TAG1	UCI224G	4	4.4	2170*810*1370	2890*1130*1680	1052	1752
HP100E3/S3	100	110	80	88	1104C-44TAG2	UCI274C	4	4.4	2320*890*1410	2890*1130*1680	1090	1790
HP135E3/S3	135	148	108	118	1006TAG	UCI274E	6	6.0	2630*1040*1500	3340*1230*1850	1376	1952
HP150E3/S3	150	165	120	132	1006TAG2	UCI274F	6	6.0	2630*1040*1500	3340*1230*1845	1415	1990
HP200E3/S3	200	220	160	176	1306-E87TAG3	UCI274H	6	8.7	2980*1040*1830	3670*2010*1350	1695	2720
HP225E3/S3	225	248	180	198	1306-E87TAG4	UCD274J	6	8.7	2910*1040*1850	3665*1370*2020	1695	2720
HP250E3/S3	250	275	200	220	1306-E87TAG6	UCD274K	6	8.7	2910*1040*1850	3665*1370*2020	2035	3080
HP300E3/S3	300	330	240	264	2206C-E13TAG2	HCI444D	6	12.5	3420*1210*2150	4250*1470*2520	3385	4895
HP350E3/S3	350	385	280	308	2206C-E13TAG2	HCI444E	6	12.5	3420*1210*2150	4250*1470*2520	3420	5230
HP400E3/S3	400	440	320	352	2206C-E13TAG3	HCI444F	6	12.5	3400*1210*2150	4250*1470*2520	3480	5260
HP450E3/S3	450	495	360	396	2506A-E15TAG1	HC544C	6	15.2	3500*1210*2160	4600*1500*2570	3590	5310
HP500E3/S3	500	550	400	440	2506A-E15TAG2	HC544D	6	15.2	3750*1170*2735	4600*1560*2530	3695	5330
HP600E3/S3	600	660	480	528	2806A-E18TAG1A	HC544E	6	18.1	3800*1540*2210	4700*1700*2530	4300	7850
HP625E3/S3	625	688	500	550	2806A-E18TAG2	HC544FS	6	18.1	3650*1420*2300	4700*1700*2530	4460	8010
HP725E3/S3	725	798	580	638	4006-23TAG2A	HCI634G	6	23.0	3810*1710*2260	6060*2440*2740	5420	8865
HP800E3/S3	800	880	640	704	4006-23TAG3A	HCI634G	6	23.0	3810*1710*2260	6060*2440*2740	5425	8875
HP900E3/S3	900	990	720	792	4008TAG1A	HCI634H	8	30.0	4800*2045*2400	6060*2400*2780	6850	13200
HP1000E3/S	1000	1100	800	880	4008TAG2A	HCI634J	8	30.0	4800*2045*2400	6060*2400*2780	7640	15540
HP1250E3/S	1250	1375	1000	1100	4012-46TWG2A	P1734A	12	46.0	4680*1800*2390	12192*2440*3150	9230	17030
HP1500E3/S	1500	1650	1200	1320	4012-46TAG2A	P1734C	12	46.0	5080*2200*2410	12192*2440*3150	9720	17520
HP1750E3/S	1750	1925	1400	1540	4016TAG	P1734E	16	61.0	5080*2200*3250	12192*2440*3150	10000	17800
HP1810E3/S	1810	1991	1448	1593	4016TAG1	P1734E	16	61.0	5080*2200*3250	12192*2440*3150	13150	20760
HP2000E3/S	2000	2200	1600	1760	4016TAG2	P1734F	16	61.0	5080*2200*3250	12192*2440*3150	13450	21050

NOTE:

- (1) Prime Power (PRP): prime power is available for an unlimited number of annual operating hours in variable load applications; in accordance with ISO8528-1. A 10% overload capability is available for a period of 1 hour within a 12-hour period of operation, in accordance with ISO3046-1.
- (2) Standby Power rating (ESP): the standby power rating is applicable for supplying emergency power for the duration of a utility power interruption. No overload, utility parallel or negotiated outage operation capability is available at this rating.
- (3) Genset weights, dimensions & noise are subject to the configuration solicited by the customer. More details, please consult the factory. Ambient reference condition: 100kPa, 25 °C, 30% relative humidity. Rating according to ISO3046.
- (4) HarbinGer reserves the right to modify the specifications without prior notice.



Diesel Generator Set/HC Series

◆ Reliable and Safe

- Powered by world famous Cummins engines
- Load from 0-100% frequency vibration within $\pm 0.25\%$
- No load wire volts max undulation ratio within 0.5%
- The fully covered load centre houses all the outlets, compressions terminals, and circuit breakers.
- Fully PC or front panel configuration, automatic shutdown when fault condition occurs.



Parameters of diesel generators: 1500rpm, 50HZ, three-phase, 400/230V, powered factor 0.8

MODEL	KVA		KW		Engine	Alternator	Cylinder	Displacement	Dimension(L*W*H/set)		Dry Weight(kg/set)	
	Prime	Standby	Prime	Standby	Cummins	Stamford	Qty	L	Open skid	Soundproof	Open skid	Soundproof
HC40E3/S3	40	44	32	35	4BT3.9-G2	PI144J	4	3.92	2010*800*1380	2688*1100*1710	806	1425
HC50E3/S3	50	55	40	44	4BTA3.9-G2	UCI224D	4	3.92	1850*800*1450	2688*1120*1750	850	1490
HC60E3/S3	60	66	48	53	4BTA3.9-G2	UCI224E	4	3.92	1850*800*1450	2688*1120*1750	918	1565
HC72E3/S3	72	80	58	64	6BT5.9-G2	UCI224F	6	5.88	2160*890*1500	3170*1180*1975	1190	1950
HC85E3/S3	85	93	68	74	6BT5.9-G2	UCI224G	6	5.88	2160*890*1500	3170*1180*1975	1205	2121
HC100E3/S3	100	110	80	88	6BT5.9-G2	UCI274C	6	5.88	2110*895*1530	3170*1130*1840	1225	1995
HC114E3/S3	114	125	91	100	6BTA5.9-G2	UCI274D	6	5.88	2110*895*1530	3170*1130*1840	1230	2056
HC131E3/S3	131	145	105	116	6BTA5.9-G2	UCI274E	6	5.88	2320*895*1540	3315*1220*1970	1310	2248
HC160E3/S3	160	175	128	140	6CTA8.3-G2	UCI274F	6	8.30	2360*925*1675	3445*1300*1855	1710	2620
HC180E3/S3	180	200	144	160	6CTA8.3-G2	UCI274G	6	8.30	2360*925*1675	3445*1300*1855	1745	2680
HC200E3/S3	200	220	160	176	6CTA8.3-G2	UCI274H	6	8.30	2320*895*1660	3595*1300*1855	1800	2700
HC225E3/S3	225	250	180	200	6LTA8.3-G2	UCD274J	6	8.90	2565*1045*1865	3665*1362*1960	1950	2845
HC250E3/S3	250	275	200	220	6LTA8.3-G2	UCD274K	6	8.90	2565*1045*1865	3665*1362*1960	1995	2884
HC300E3/S3	300	330	240	264	NTA855-G1A	HC1444D	6	14.00	3030*1280*1830	4245*1400*2280	3045	4546
HC350E3/S3	350	385	280	308	NTA855-G2A	HC1444E	6	14.00	3030*1280*1830	4245*1400*2280	3050	4840
HC400E3/S3	400	450	320	360	NTA855-G7A	HC1444F	6	14.00	3235*1280*1830	4425*1450*2410	3060	4888
HC450E3/S3	450	500	360	400	KTA19-G3	HC1544C	6	18.90	3235*1280*1830	4515*1500*2560	3140	6105
HC500E3/S3	500	550	400	440	KTA19-G4	HC1544C	6	18.90	3385*1460*2200	4515*1500*2560	4245	6210
HC625E3/S3	625	690	500	552	KTAA19-G6A	HC1544FS	6	18.90	3565*1690*2365	4795*1950*2560	4582	7395
HC650CE3/S	650	715	520	572	QSKTAA19-G3	HC1544F	6	18.90	3385*1460*2200	4515*1500*2560	4250	6088
HC750E3/S3	750	825	600	660	KTA38-G2	LV1634B	12	37.80	3950*1350*2385	6060*2440*2730	7075	12100
HC909E3/S3	909	1000	727	800	KTA38-G2A	HC1634H	12	37.80	4450*1720*2425	6060*2440*2730	6620	12120
HC1000E3/S	1000	1100	800	880	KTA38-G5	HC1634J	12	37.80	4650*2060*2430	6060*2440*2790	6685	12465
HC1125E3/S	1125	1250	900	1000	KTA38-G9	HC1634K	12	37.80	5088*2110*223	6060*2440*2790	9660	15308

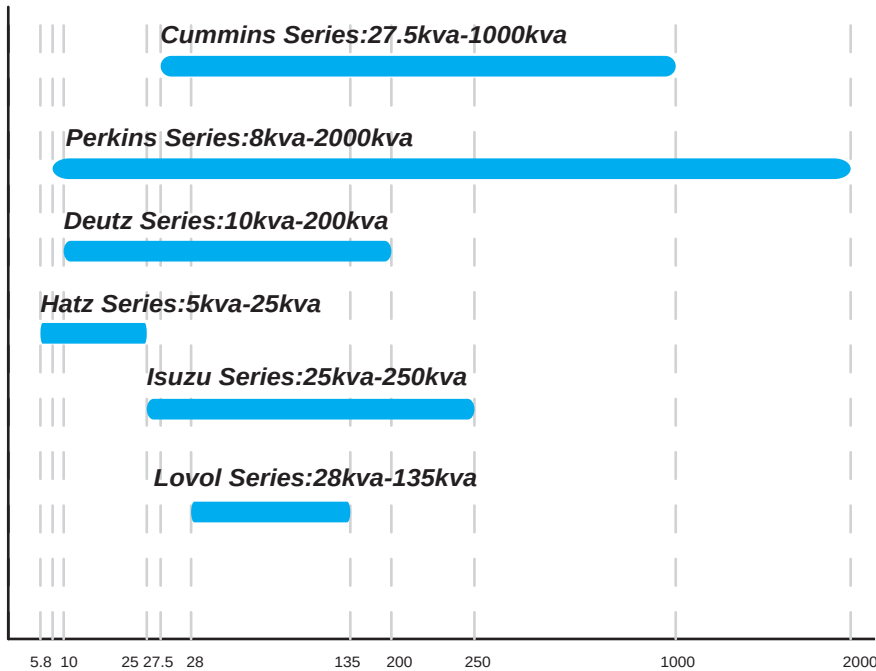
NOTE:

- (1) Prime Power (PRP): prime power is available for an unlimited number of annual operating hours in variable load applications; in accordance with ISO8528-1. A 10% overload capability is available for a period of 1 hour within a 12-hour period of operation, in accordance with ISO3046-1.
- (2) Standby Power rating (ESP): the standby power rating is applicable for supplying emergency power for the duration of a utility power interruption. No overload, utility parallel or negotiated outage operation capability is available at this rating.
- (3) Genset weights, dimensions & noise are subject to the configuration solicited by the customer. More details, please consult the factory. Ambient reference condition: 100kPa, 25 °C, 30% relative humidity. Rating according to ISO3046.
- (4) HarbinGer reserves the right to modify the specifications without prior notice.



Diesel Generator Set/Iron-man Series

◆ Engine



◆ Alternator

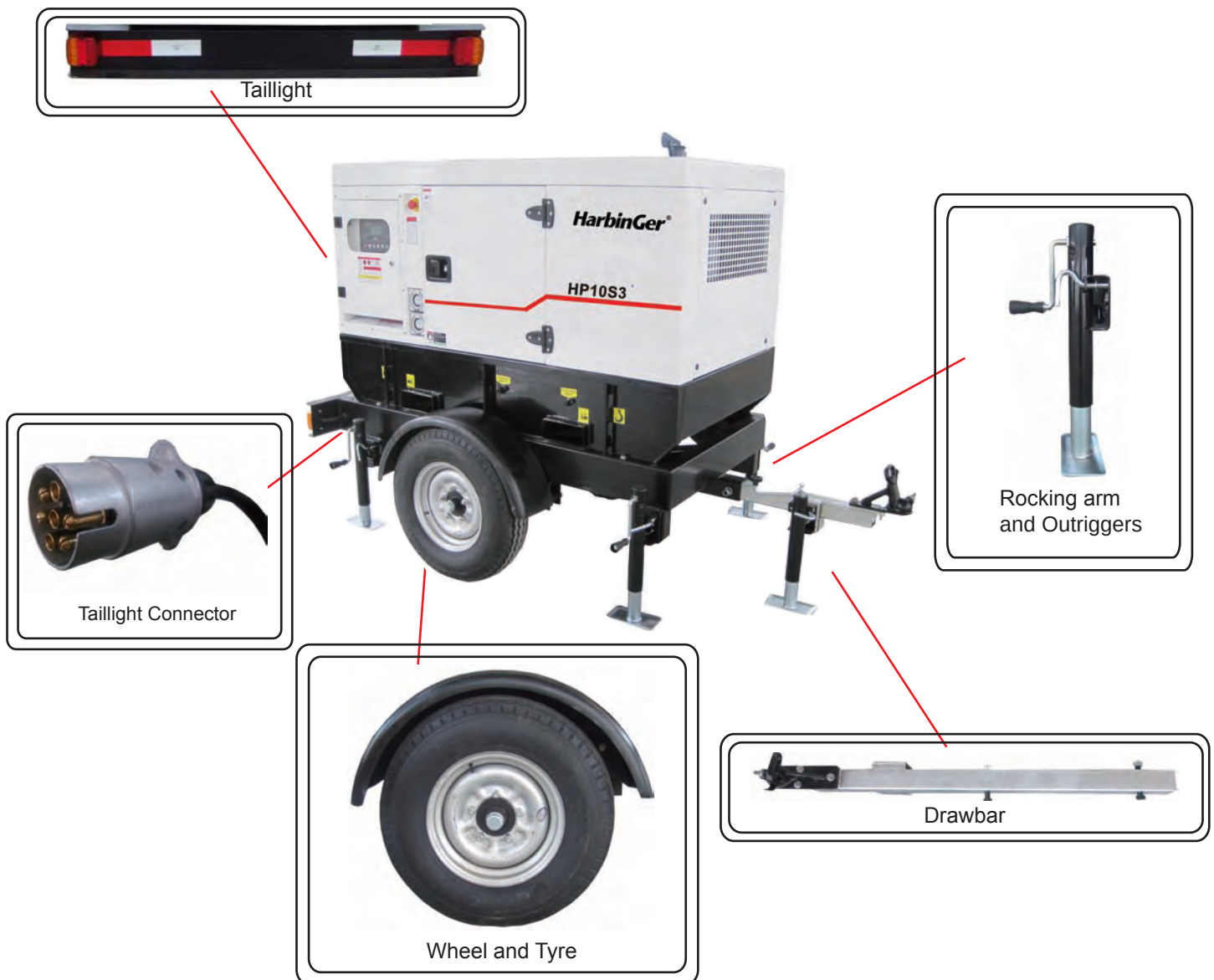


◆ Control Panel

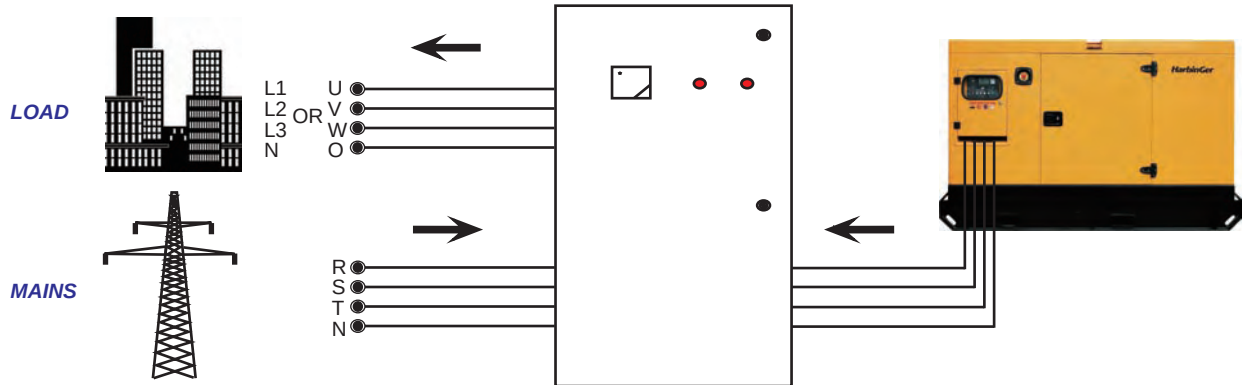


◆ Features:

- * Running speed: $\leq 40\text{km/h}$;
- * Including taillight, taillight connector, taillight wiring harness, 5 pcs outriggers, drawing bar;
- * Adopt vacuum tyre;
- * Excellent anti-vibration performance;
- * Compact structure, easy movement, low transportation cost;
- * Height-adjustable design is equipped with rotatable outriggers in which height can also be easily adjusted, which is applicable to outdoor works under various condition.



Auto Transfer Switch



For emergency power in buildings, an Auto Transfer switch (ATS) is essential. The ATS can automatically transfer load from main power to emergency power without operator intervention. When the main power fails or voltage drop below 80% of normal voltage, the ATS will start the emergency generator, after a preset time of 0 to 10 seconds (adjustable). At rated speed, the ATS will load to emergency power with available size ranging from 20A to 3200A. There is a switch suitable for every project's need.

◆ Features:

- * Mechanically held contactor;
- * Available in 2,3, and 4 pole versions;
- * Rating range from 63 to 3150 amps
- * NEMA 1,3R, 4, 4X, and 12 enclosures
- * LED indicators for “main(on load)” and “generator (on load)”



◆ 20-3200 Amps:

Model	Rated Thermal Current Ith	Rated Isolation Voltage Ui	Rated Impulse Withstand Voltage Uimp	Rated Operating Voltage Ue	Rated Ability to connect	Breaking Capacity of Rated Limit Short-Circuit	Rated Limit Short-Circuit Current	Short-Time With Stand Current IS	Switch Time I-II or II-I	Control Input Voltage	Rated Control Voltage (Start)	Rated Control Voltage (Normal)
H20A	20A	750V	8KV	AC440V	10le	8le	100KA	7KA	0.45S	AC220V	300W	55W
H40A	40A	750V	8KV	AC440V	10le	8le	100KA	7KA	0.45S	AC220V	300W	55W
H63A	63A	750V	8KV	AC440V	10le	8le	100KA	7KA	0.45S	AC220V	300W	55W
H80A	80A	750V	8KV	AC440V	10le	8le	100KA	7KA	0.45S	AC220V	300W	55W
H100A	100A	750V	8KV	AC440V	10le	8le	100KA	7KA	0.45S	AC220V	300W	55W
H125A	125A	750V	8KV	AC440V	10le	8le	100KA	7KA	0.45S	AC220V	300W	55W
H160A	160A	750V	8KV	AC440V	10le	8le	100KA	9KA	0.45S	AC220V	300W	55W
H250A	250A	750V	8KV	AC440V	10le	8le	100KA	9KA	0.45S	AC220V	300W	55W
H400A	400A	1000V	12KV	AC440V	10le	8le	100KA	9KA	0.45S	AC220V	300W	55W
H630A	630A	1000V	12KV	AC440V	10le	8le	100KA	9KA	0.45S	AC220V	300W	55W
H800A	800A	1000V	12KV	AC440V	10le	8le	100KA	9KA	0.45S	AC220V	325W	62W
H1000A	1000A	1000V	12KV	AC440V	10le	8le	70KA	13KA	0.6S	AC220V	355W	74W
H1250A	1250A	1000V	12KV	AC440V	10le	8le	100KA	26KA	0.6S	AC220V	400W	90W
H1600A	1600A	1000V	12KV	AC440V	10le	8le	120KA	50KA	0.6S	AC220V	440W	98W
H2000A	2000A	1000V	12KV	AC440V	10le	8le	80KA	55KA	0.6S	AC220V	600W	120W
H2500A	2500A	1000V	12KV	AC440V	10le	8le	80KA	55KA	0.6S	AC220V	600W	120W
H3200A	3200A	1000V	12KV	AC440V	10le	8le	80KA	55KA	0.6S	AC220V	600W	120W

Paralleling Devices

This system is formed by various sets, each of one controlled by an electric control module, with remote control and synchronization between those connected to a common bar. The control modules are programmed according to the load demand, establishing the optimum operation of each set.

◆ Features:

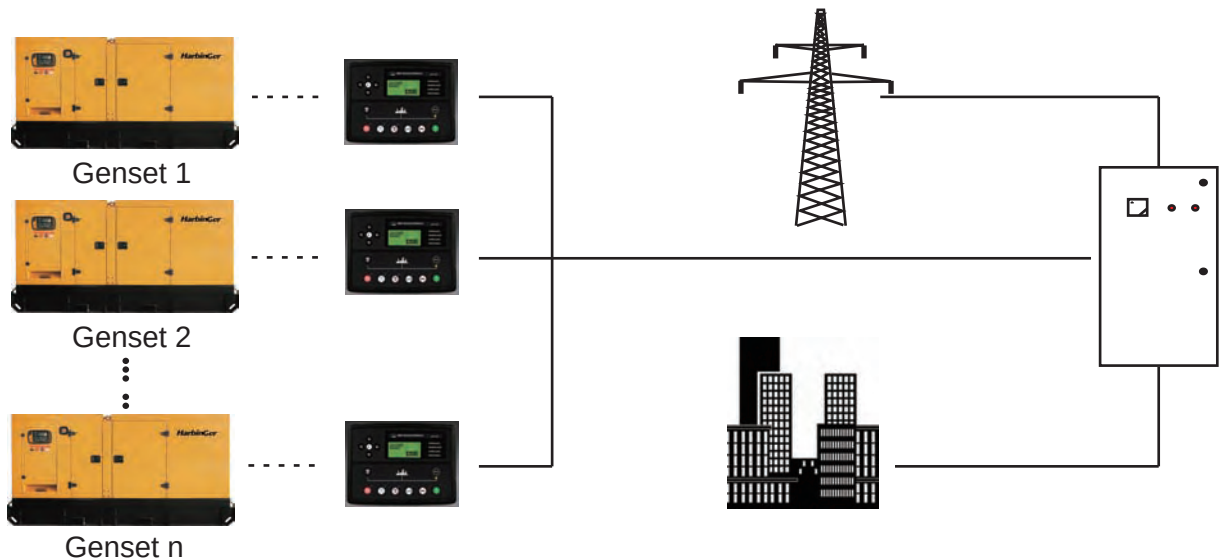
- *Warming Function;
- *Paralleling Function (auto-tripping, closing, auto-paralleling, disconnection, auto load shifting, distribution);
- *ATS Function can be selected by the generators whose bus bar is below 3200A;
- *Multiple languages display;
- *Inbuilt or expansion relay outputs;

◆ Safety:

- * Auto-tripping, closing;
- * Touch operation;
- * Fully auto control, avoiding misoperation by man

◆ Humanized Operation:

- * Digital humanized operation interface





HarbinGer
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