Standard and Optional Configuration

System	Standard	Optional
Engine		+ Oil Preheater + Jacket water heater
Alternator	✓ AVR ✓ Brushless Excitation ✓ H insulation class	+ Anti-condensation heater + Permanent excitation + Winding temperature measurement device + Anti-damp and anti corrosion treatment
Control Panel	✓ Smartgen intelligent control module	+ DSE6020/7320, ComAP 20/25 etc + ATS
Canopy	✓ Control cabinet installed in the generating-set base frame ✓ Installed at the high strength steel base frame ✓ Integrated vibration amount between engine/alternator & base ✓ Transportation holes for forklift designed	+ Trailer + Galvanised and powder coated + User-specified color for generator set
Cooling System	✓ Radiator (40°C) ✓ Cooling fluid draining pipe with valve ✓ Electrical motor driving cooling fan ✓ Coolant Level Sensor,Coolant temperature sensor ✓ Radiator ducts	+ Radiator (50°C) + Water jacket water heater + Radiator integrated belt driving cooling fan
Exhaust System	✓ Dry Manifold ✓ Industrial muffler	+ Stainless steel exhaust pipe + Residential silencer
Fuel System	✓ Fuel-water separator ✓ Fuel Filter, Fuel hose, Fuel cooler ✓ High-pressure oil pump ✓ 8 hour running fuel tank	+ Fuel T-valves + Low fuel level alarm + Automatic fuel feeding system + 12 hour, 24hour and so on
Lubrication System	✓ Oil filter, Oil Pump ✓ With a discharge valve of the discharge pipe	+ Oil with the machine

(1) Prime Power: Prime power is available for an unlimited number of annual opearting 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: Standby power 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) Ambient reference condition: 100kPa, 25℃, 30% relative humidity. Rating according to ISO3046.

(4) The following voltages can be customized on requirement: single phase - 220V/230V/240V; three phase - 380/220V, 400/230V, 415/240V, 440/254V.

(5) 60HZ can be customized on requirement.

(6) Harbinger reserves the right to modify the specifications without prior notice. All ratings are for guidance only, please refer to the final specific generator information from the Harbinger.

Quality Products Delivered By Quality People

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NewEnergy Series

50HZ: 8KVA-625KVA

1500rpm, 50HZ, single-phase, Powered factor 1

MODEL	KVA		KW		Engine	Alternator	Cyliner	Displacement	Dimension(L*W*H/set)		Weight(kg/set)	
	Prime	Standby	Prime	Standby			Qty	L	Open skid	Soundproof	Open Skid	Soundproof
NE-Y8E/S	8	9	8	9	YD380	164B	3	1.36	1250*800*1000	1450*810*1000	400	540
NE-Y10E/S	10	11	10	11	YD480	164D	4	1.80	1460*860*1100	1950*890*1150	410	570
NE-Y12E/S	12	13	12	13	YD485	184E	4	2.15	1460*860*1100	1950*890*1150	440	580
NE-Y15E/S	15	16.5	15	17	YD490	184E	4	2.54	1460*860*1100	1950*890*1150	460	610
NE-Y25E/S	25	27.5	25	28	YD4100	184H	4	3.70	1550*880*1180	2120*950*1290	615	775

OPTIMA

1500rpm, 50HZ, Three-phase, Power factor 0.8

MODEL	KVA		KW		Engine	Alternator	Cyliner	Displacement	Dimension(L*W*H/set)		Weight(kg/set)	
	Prime	Standby	Prime	Standby			Qty	L	Open skid	Soundproof	Open Skid	Soundproof
NE-Y10E3/S3	10	11	8	9	YD380	164B	3	1.36	1250*800*1000	1450*810*1000	410	540
NE-Y15E3/S3	15	16	12	13	YD485	164D	4	2.15	1460*860*1100	1950*890*1150	430	610
NE-Y20E3/S3	20	22	16	18	YD490	184ES	4	2.54	1460*860*1100	1950*890*1150	540	750
NE-Y30E3/S3	30	33	24	26	YD4100	184G	4	3.70	1550*880*1180	2120*950*1290	670	920
NE-Y40E3/S3	40	44	32	35	LR3A2Z-D	224C	3	3.89	1650*920*1260	2300*1000*1385	890	1250
NE-Y50E3/S3	50	55	40	44	LR4B5-D	224D	4	4.95	1780*960*1380	2730*1100*1730	930	1460
NE-Y70E3/S3	70	77	56	62	LR4B3Z-D	224F	4	4.58	1780*960*1380	2730*1100*1730	1310	1840
NE-Y90E3/S3	90	99	72	79	LR4M3L-D	274C	4	4.75	1920*960*1380	2960*1100*1750	1396	1936
NE-Y125E3/S3	125	137	100	110	LR6A3L-D	274E	6	6.49	2450*1060*1650	3200*1100*1735	1870	2450
NE-Y150E3/S3	150	165	120	132	LR6B3L-D	274ES	6	6.87	2450*1060*1650	3200*1100*1735	1950	2550
NE-Y250E3/S3	250	275	200	220	LR6S4L-D	274K	6	9.72	2450*1060*1650	3900*1260*1900	2920	3840
NESD300E3/S3	300	330	240	264	SC13G420D2	WHI4E	6	12.88	2900*1120*1750	3900*1260*2105	3042	4546
NE350E3/S3	350	385	280	308	SC12E460D2	WHI4FS	6	11.80	3100*1120*1800	4200*1500*2500	3046	4586
NESD375E3/S3	375	412	300	330	SC15G500D2	WHI4F	6	14.16	2900*1120*1750	4200*1500*2500	3060	4730
NESD450E3/S3	450	495	360	396	SC25G610D2	WHI5C	12	25.80	3450*1360*2050	4200*1500*2500	3065	5980
NESD500E3/S3	500	550	400	440	SC25G690D2	WHI5D	12	25.80	3500*1460*2050	4200*1500*2500	4243	7255
NESD550E3/S3	550	605	440	484	SC27G755D2	WHI5ES	12	26.60	3550*1460*2050	4200*1500*2500	4585	7390
NESD625E3/S3	625	687	500	550	SC27G830D2	WHI5FS	12	26.60	3550*1460*2050	4500*1900*2550	4587	7398

Innovation Through Continuous Improvement.

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OPTIMA Series

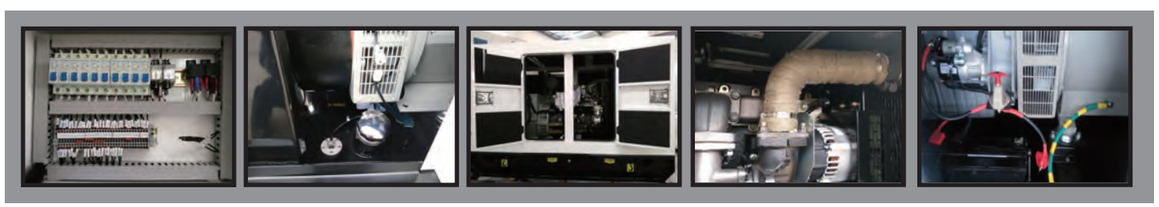
50HZ: 8KVA-2000KVA

NewEnergy

Perkins 1500rpm, 50HZ, Three-phase, Power factor 0.8

MODEL	KVA		KW		Engine	Alternator	Cyliner	Displacement	Dimension(L*W*H/set)		Weight(kg/set)	
	Prime	Standby	Prime	Standby			Qty	L	Open skid	Soundproof	Open skid	Soundproof
NEP10E3/S3	10	11	8	9	403D-11G	PI044E	3	1.10	1360*600*1100	1940*930*1320	390	540
NEP13E3/S3	13	14	10	11	403D-15G	PI044F	3	1.50	1450*600*1120	1940*930*1320	415	605
NEP20E3/S3	20	22	16	18	404D-22G	PI144D	4	2.20	1710*600*1230	2195*950*1460	495	675
NEP26E3/S3	26	29	20	23	404D-22TG	PI144F	4	2.20	1560*600*1230	2150*870*1370	540	720
NEP30E3/S3	30	33	24	26	1103A-33G	PI144G	3	3.30	1850*840*1330	2340*1050*1560	765	1150
NEP45E3/S3	45	36	36	29	1103A-33TG1	UCI224D	3	3.30	1904*800*1390	2340*1050*1560	870	1300
NEP60E3/S3	60	66	48	53	1103A-33TG2	UCI224E	3	3.30	2015*800*1470	2580*1120*1630	890	1430
NEP65E3/S3	65	71	52	57	1104A-44TG1	UCI224F	4	4.40	2170*810*1370	2890*1130*1680	980	1675
NEP80E3/S3	80	88	64	70	1104C-44TAG1	UCI224G	4	4.40	2170*810*1370	2890*1130*1680	1052	1752
NEP100E3/S3	100	110	80	88	1104C-44TAG2	UCI274C	4	4.40	2320*890*1410	2890*1130*1680	1090	1790
NEP135E3/S3	135	148	108	118	1006TAG	UCI274E	6	6.00	2630*1040*1500	3340*1230*1850	1376	1952
NEP150E3/S3	150	165	120	132	1006TAG2	UCI274F	6	6.00	2630*1040*1500	3340*1230*1845	1415	1990
NEP200E3/S3	200	220	160	176	1306-E87TAG3	UCI274H	6	8.70	2980*1040*1830	3670*2010*1350	1695	2720
NEP225E3/S3	225	248	180	198	1306-E87TAG4	UCD274J	6	8.70	2910*1040*1850	3665*1370*2020	1695	2720
NEP250E3/S3	250	275	200	220	1306-E87TAG6	UCD274K	6	8.70	2910*1040*1850	3665*1370*2020	2035	3080
NEP300E3/S3	300	330	240	264	2206C-E13TAG2	HCI444D	6	12.50	3420*1210*2150	4250*1470*2520	3385	4895
NEP350E3/S3	350	385	280	308	2206C-E13TAG2	HCI444E	6	12.50	3420*1210*2150	4250*1470*2520	3420	5230
NEP400E3/S3	400	440	320	352	2206C-E13TAG3	HCI444F	6	12.50	3400*1210*2150	4250*1470*2520	3480	5260
NEP450E3/S3	450	495	360	396	2506A-E15TAG1	HCI544C	6	15.20	3500*1210*2160	4600*1500*2570	3590	5310
NEP500E3/S3	500	550	400	440	2506A-E15TAG2	HCi544D	6	15.20	3750*1170*2735	4600*1560*2530	3695	5330
NEP600E3/S3	600	660	480	528	2806A-E18TAG1A	HCI544E	6	18.10	3800*1540*2210	4700*1700*2530	4300	7850
NEP625E3/S3	625	688	500	550	2806A-E18TAG2	HC544FS	6	18.10	3650*1420*2300	4700*1700*2530	4460	8010
NEP725E3/S3	725	798	580	638	4006-23TAG2A	HCI634G	6	23.00	3810*1710*2260	6060*2440*2740	5420	8865
NEP800E3/S3	800	880	640	704	4006-23TAG3A	HCI634G	6	23.00	3810*1710*2260	6060*2440*2740	5425	8875
NEP900E3/S3	900	990	720	792	4008TAG1A	HCI634H	8	30.00	4800*2045*2400	6060*2400*2780	6850	13200
NEP1000E3/S3	1000	1100	800	880	4008TAG2A	HCI634J	8	30.00	4800*2045*2400	6060*2400*2780	7640	15540
NEP1250E3/S3	1250	1375	1000	1100	4012-46TWG2A	PI734A	12	46.00	4680*1800*2390	12192*2440*3150	9230	17030
NEP1500E3/S3	1500	1650	1200	1320	4012-46TAG2A	PI734C	12	46.00	5080*2200*2410	12192*2440*3150	9720	17520
NEP1750E3/S3	1750	1925	1400	1540	4016TAG	PI734E	16	61.00	5080*2200*3250	12192*2440*3150	10000	17800
NEP1810E3/S3	1810	1991	1448	1593	4016TAG1	PI734E	16	61.00	5080*2200*3250	12192*2440*3150	13150	20760
NEP2000E3/S3	2000	2200	1600	1760	4016TAG2	PI734F	16	61.00	5080*2200*3250	12192*2440*3150	13450	21050

Возможна поставка дизельных электростанций с генераторами OEM Stamford



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PERKINS Series

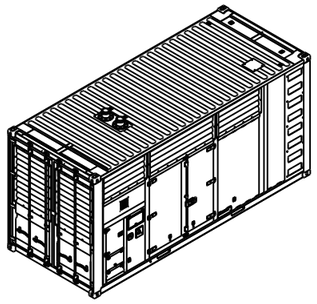
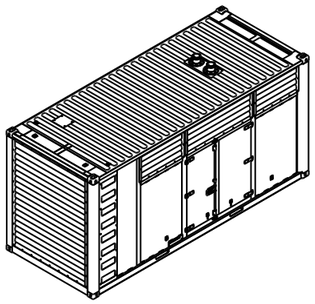
50HZ: 27.5KVA-1500KVA

1500rpm, 50HZ, Three-phase, Power factor 0.8

MODEL	KVA		KW		Engine	Alternator	Cyliner	Displacement	Dimension(L*W*H/set)		Weight(kg/set)	
	Prime	Standby	Prime	Standby			Qty	L	Open skid	Soundproof	Open skid	Soundproof
NEC27.5E3/S3	27.5	30	22	24	4B3.9-G1	PI144F	4	3.92	1895*700*1400	2350*1100*1560	705	1211
NEC40E3/S3	40	44	32	35	4BT3.9-G2	PI144J	4	3.92	2010*800*1380	2688*1100*1710	806	1425
NEC50E3/S3	50	55	40	44	4BTA3.9-G2	UCI224D	4	3.92	1850*800*1450	2688*1120*1750	850	1490
NEC60E3/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
NEC85E3/S3	85	93	68	74	6BT5.9-G2	UCI224G	6	5.88	2160*890*1500	3170*1180*1975	1205	2121
NEC100E3/S3	100	110	80	88	6BT5.9-G2	UCI274C	6	5.88	2110*895*1530	3170*1130*1840	1225	1995
NEC114E3/S3	114	125	91	100	6BTA5.9-G2	UCI274D	6	5.88	2110*895*1530	3170*1130*1840	1230	2056
NEC131E3/S3	131	145	105	116	6BTAA5.9-G2	UCI274E	6	5.88	2320*895*1540	3315*1220*1970	1310	2248
NEC160E3/S3	160	175	128	140	6CTA8.3-G2	UCI274F	6	8.30	2360*925*1675	3445*1300*1855	1710	2620
NEC180E3/S3	180	200	144	160	6CTA8.3-G2	UCI274G	6	8.30	2360*925*1675	3445*1300*1855	1745	2680
NEC200E3/S3	200	220	160	176	6CTAA8.3-G2	UCI274H	6	8.30	2320*895*1660	3595*1300*1855	1800	2700
NEC225E3/S3	225	250	180	200	6LTAA8.9-G2	UCD274J	6	8.90	2565*1045*1865	3665*1362*1960	1950	2845
NEC250E3/S3	250	275	200	220	6LTAA8.9-G2	UCD274K	6	8.90	2565*1045*1865	3665*1362*1960	1995	2884
NEC300E3/S3	300	330	240	264	NTA855-G1A	HCI444D	6	14.00	3030*1280*1830	4245*1400*2280	3045	4546
NEC350E3/S3	350	385	280	308	NTA855-G2A	HCI444E	6	14.00	3030*1280*1830	4245*1400*2280	3050	4840
NEC400E3/S3	400	450	320	360	NTAA855-G7A	HCI444F	6	14.00	3235*1280*1830	4425*1450*2410	3060	4888
NEC450E3/S3	450	500	360	400	KTA19-G3	HCI544C	6	18.90	3235*1280*1830	4515*1500*2560	3140	6105
NEC500E3/S3	500	550	400	440	KTA19-G4	HCI544C	6	18.90	3385*1460*2200	4515*1500*2560	4245	6210
NEC625E3/S3	625	690	500	552	KTAA19-G6A	HCI544FS	6	18.90	3565*1690*2365	4795*1950*2560	4582	7395
NEC650E3/S3	650	715	520	572	KTA19-G8	HCI544F	6	18.90	3385*1460*2200	4515*1500*2560	4250	6088
NEC750E3/S3	750	825	600	660	KTA38-G2	LVI634B	12	37.80	3950*1350*2385	6060*2440*2730	7075	12100
NEC909E3/S3	909	1000	727	800	KTA38-G2A	HCI634H	12	37.80	4450*1720*2425	6060*2440*2730	6620	12120
NEC1000E3/S3	1000	1100	800	880	KTA38-G5	HCI634J	12	37.80	4650*2060*2430	6060*2440*2790	6685	12465
NEC1125E3/S3	1125	1250	900	1000	KTA38-G9	HCI634K	12	37.80	5088*2110*2430	6060*2440*2790	9660	15308
NEC1250E3/S3	1250	1375	1000	1100	KTA38-G9	LVI634G	12	37.80	5280*2200*2480	6060*2440*2830	9660	15308
NEC1400E3/S3	1400	1540	1120	1232	KTA50-G8	PI734B	16	50.30	5365*2200*2560	6060*2440*2830	9828	15310
NEC1500E3/S3	1500	1650	1200	1320	KTA50-GS8	PI174C	16	50.30	5365*2200*2560	6060*2440*2830	9840	16450

Container Type

Harbinger soundproof container type can manufacture and design according to international standard size of the container, equipping with ***20GP***, ***40GP*** and ***40HQ*** container for clients' choice.

Features

- Container type diesel generator set, Power range is from 600kW/750kVA to 1600kW/2000kVA.
- Adapt the design of high strength container and standard size to save the freight cost for customers
- A minimum of two personnel access doors and Ladder design, user-easily maintenance and repair.
- There is high capability, durable aging and anti-burning type soundproof material and the absorption material within the container of soundproof type
- Equipped with daily-used fuel tank with automatic fuel injection system
- Robustly constructed walk in enclosure designed to provide the necessary weather protection, sound attenuation and ventilation for the generator set
- External emergency stop buttons located at each container side
- Holes of forklift designed make it easier to transport