



Catalogue 2010

DIESEL & GASOLINE PORTABLE GENERATORS STANDBY GENERATOR



ITCPOWER Group is a company specialized in the development, manufacturing, importing and distribution for Generating Sets up to 500 Kva, Engines, Water Pumps and High Pressure Washers both gasoline and diesel powered.

We are Licensee Company for HYUNDAI brand generators for more than 35 countries all over the world.

ITCPOWER has developed a large range of Generating Sets and Engine pumps in order to cover all needs for professional and consumers.

Our mission is to offer a complete range of products at competitive prices and excellent performances with the best After Sales Service at the same level as other well known brands in EUROPE and the US and in JAPAN.

To achieve this goal, we have established our own production facilities with own staff to check "in situ" all the processes of assembly, settings and testing to make sure that the products delivered are the products expected for our customers quality wise. Each unit is tested one by one during the assembly process and more deeply before packing to assure a constant and controlled quality to our customers.

Another point of greatest attention is the After-Sales Service.

We have the most complete information available to our partners and distributors to have the best support for the maintenance and repair of our machines.

The firm was founded in EUROPE on 2001 by two partners with extensive experience in the international markets for machinery and especially the Generating Sets and Water Pumps.

The range is in constant evolution to meet the needs of our most exigent customers.

ITCPOWER is present in 5 continents and more than 50 countries with Europe, America, Oceania and Africa as our main markets.

Our facilities with 120 persons, 20.000sq meters allow us to produce over 100.000 units per year.



Production Line 1



Production Line 2



TEST center 1



TEST center 2

Diesel Generator



Open Professional

01-04



Silent Professional

05-06

Gasoline Generator



Inverter

07-08



Open Hobby

09-10



Open Basic

11-12



Open Economic

13-14



Open Professional

15-18



Semi-Silent Professional

19-20

Welders



Open Professional

21-22

Options

23-24

Spare parts

25-26

FEATURES

- 4 stroke air cooled direct injection diesel engine
- Full frame for better protection diameter 32mm.
- Double base frame for lower vibrations (DHY6000L(E)-(3))
- Large Fuel tank
- Oil alert with automatic engine shut off

ENGINE

- Compact, direct Injection Engine, Easy installation and low fuel consumption
- Low vibration and low noise
- Quick and easy start
- A small dimensions engine to stand for a hard work
- Miniaturized fuel injection system

ALTERNATOR

- Compact and light design
- AVR regulation
- Stable performance
- Brush type
- Optional Brushless type

CONTROL PANEL

Include:

- Precise overload protection over measurement of current.
- LED display LED4
- Preheating system for easy starting
- 30 mA Leakage Circuit Breaker
- Single Phase 2 sockets 16A
- Three Phase 2 sockets 1x 16A 5poles and 1x 16A 2poles
- DC output 12V 8.3Amp. with 1.5m cable
- Earth connection

Optional:

- ATS connection
- Easy connector
- Remote control

OPTIONS / ACCESORIES

- 22 or 32mm. Frame
- Other control panel configurations
- Different push wheel kits system
- Different/personal frame design
- Weather proof components
- Brushless alternator
- Push wheel kit



Professional panel
4 functions LED display & 30mA
leakage circuit breaker



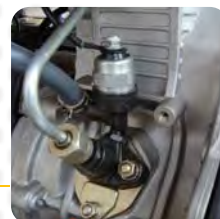
Easy connector
to control box



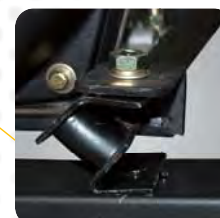
AVR regulation
ensures smooth
voltage output



32mm steel tube
provides strong frame

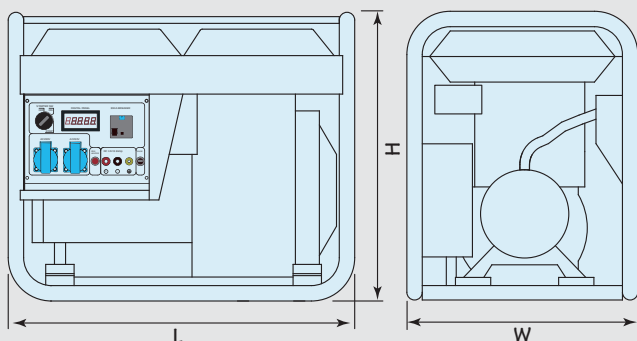


Direct injection
Injection pump
provides easy start and
low fuel consumption



vibration absorber base
support the whole generator set

Diesel Generator Open Professional 01-02



HYUNDAI



Ⓔ GASOLINE GENERATING SET
Ⓕ GROUPE ELECTROGENE ESSENCE
Ⓖ BENZIN STROMERZEUGER
Ⓔ GRUPO ELECTROGENO GASOLINA
Ⓘ GRUPPI ELETTROGENI BENZINA



TYPE: ☐
FREQUENCY/VOLTAGE: ___ Hz/___ V ☐
___ Hz/___ V ☐
N.W./P.N. KG G.W./P.B. KG
LXWXH: (mm)
No.:

Model	Product Size (mm)			Packaging Size (mm)			Package Material
	Length	Width	Height	Length	Width	Height	
DHY2500L	610	460	530	630	480	565	Carton
DHY4000L/E	680	460	560	710	480	600	Carton
DHY6000L/E	720	480	600	740	500	645	Carton
DHY6000L/E-3	720	480	600	740	500	645	Carton

Generator Model		DHY2500L/E	DHY4000L/E	DHY6000L/E	DHY6000L/E-3
Generator Set	Frequency (Hz)	50	50	50	50
	Rated Power	2 kW	3 kW	5 kW	6.3 kVA
	Max.Power	2.2 kW	3.3 kW	5.5 kW	6.9 kVA
	Voltage (V)	230	230	230	400
	Current (A)	9.6	14.3	23.9	16.2
	Sockets	2x16A	2x16A	2x16A	1x 16A/3~ & 1x 16A/1~(1)
	Display	LED4	LED4	LED4	LED4
	Fuel Tank Capacity (L)	14	14	14	14
	Running Time under 50% Load (hr.)	30	21	13	13
	Noise Level behind 7 Meters 50% Load (dBA)	76.9	77.1	77.5	77.5
	DC Output (V/A) (2)	12 / 8.3	12 / 8.3	12 / 8.3	12 / 8.3
	Battery (Ah)	17	17	36	36
Engine	Engine Type	Diesel	Diesel	Diesel	Diesel
	Engine	D200	D300	D400	D400
	Power Output (HP)	4.2	6	10	10
	Start Method	Manual / Elec. start	Manual / Elec. start	Manual / Elec. start	Manual / Elec. start
	Displacement (ml)	211	296	418	418
	Oil Capacity (L)	0.75	1.1	1.65	1.65
Alternator	Alternator	A2-1	A3-1	A5-1	A5-3
	Rated Power (kVA)	2	3	5	6.3
	Power Factor (Cosφ)	1	1	1	0.8
	Voltage Regulation	AVR	AVR	AVR	AVR
Log.data	N.W.(kg)	55/66	68/79	93/108	93/108
	G.W.(kg)	58/69	72/83	98/113	98/113
	Loading capacity 20/40/40HQ	164/340/340	108/222/293	102/213/281	102/213/281

FEATURES

- V-twin, 4 stroke air cooled direct injection diesel engine
- Strong frame for better protection
- Double base frame for lower vibrations
- Double Muffler for noise reduction and better engine performance
- Large Fuel tank
- Oil alert with automatic engine shut off
- 4 air wheels

ENGINE

- V-twin diesel engine provides strong power
- Low vibration and low noise
- Compact structure, light weight
- A small dimensions engine to stand for a hard work
- Low fuel consumption, low emission
- BOSCH injector, SKF main bearing ensures long life running

ALTERNATOR

- Compact and light design
- AVR regulation
- Stable performance
- Brush type

CONTROL PANEL

Include:

- Precise overload protection over measurement of current.
- LED display. HY502
- 30 mA Leakage Circuit Breaker
- Single phase 2 sockets 32A & 16A
- Three phase 1 socket 16A 5 poles, 1 socket 16A 2 poles
- DC output 12V 8.3Amp. with 1.5 meter cable
- Earth connection

Optional:

- ATS connection
- Remote control
- Easy connector

OPTIONS / ACCESORIES

- Other control panel configurations
- Different push wheel kits system
- Different/personal frame design
- Weather proof components



AVR regulation
ensures smooth voltage output



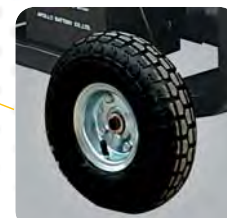
Easy connector
to control box



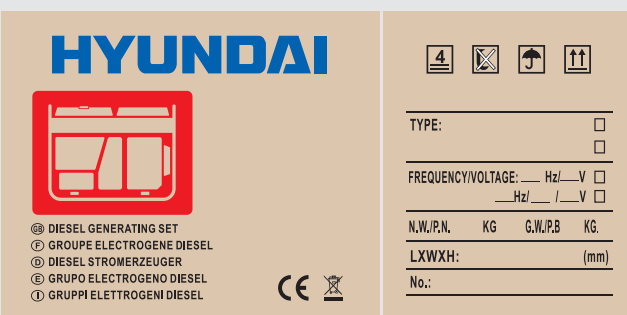
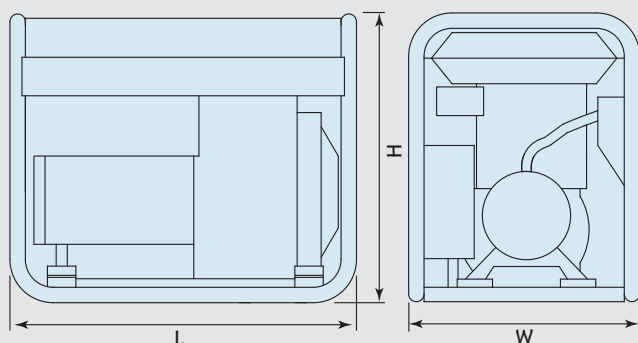
Professional panel
4 functions LED display & 30mA
leakage circuit breaker



HYUNDAI V-twin diesel engine
provides strong power



Diesel Generator Open Professional 03-04



Model	Product Size (mm)			Packaging Size (mm)			Package Material
	Length	width	height	Length	width	height	
DHY12000LE	860	625	720	960	700	940	Veneer Box
DHY12000LE-3	860	625	720	960	700	940	Veneer Box
DHY15000LE	860	625	720	960	700	940	Veneer Box
DHY15000LE-3	860	625	720	960	700	940	Veneer Box

Generator Model		DHY12000LE	DHY12000LE-3	DHY15000LE	DHY15000LE-3
Generator Set	Frequency (Hz)	50	50	50	50
	Rated Power	10 kW	12 kVA	11.0 kW	13.7 kVA
	Max.Power	11 kW	14 kVA	12.1 kW	15.1 kVA
	Voltage (V)	230	400	230	230
	Current (A)	47.8	19.8	52.6	21.8
	Sockets	1x 16A 1x 32A	1x 16A/3~ & 1x 16A/1~(1)	1x16A 1x32A	1x 16A/3~ & 1x 16A/1~(1)
	Display	LED4	LED4	LED4	LED4
	Fuel Tank Capacity (L)	14	14	14	14
	Running Time under 50% Load (hr.)	8?	8?	7.5?	7.5?
	Noise Level behind 7 Meters 50% Load (dBA)	79	79	79.5	79.5
	DC Output (V/A) (2)	12 / 8.3	12 / 8.3	12 / 8.3	12 / 8.3
	Battery (Ah)	36	36	36	36
Engine	Engine Type	Diesel	Diesel	Diesel	Diesel
	Engine	D840E	D840E	D870E	D870E
	Power Output (HP)	22	22	25	25
	Start Method	Electrical start	Electrical start	Electrical start	Electrical start
	Displacement (cc)	836	836	870	870
	Oil Capacity (L)	1.7	1.7	1.7	1.7
Alternator	Alternator	A10-1	A10-3	A11-1	A11-3
	Rated Power (kVA)	10	12	11	14
	Power Factor (Cosφ)	1	0.8	1	0.8
	Voltage Regulation	AVR	AVR	AVR	AVR
Log.data	N.W.(kg)	200	200	205	105
	G.W.(kg)	220	220	225	225
	Loading capacity 20/40/40HQ	36/74/74	36/74/74	36/74/74	36/74/74

FEATURES

- 4 stroke air cooled direct injection diesel engine
- Closed canopy ensures silent running
- LCD controller ensures multi-functions and precise overload protection
- Large Fuel tank
- Oil alert with automatic engine shut off

ENGINE

- Compact, direct Injection engine, easy installation and low fuel consumption
- Low vibration and low noise
- Quick and easy start
- A small dimensions engine to stand for a hard work
- Miniaturized fuel injection system

ALTERNATOR

- Compact and light design
- AVR regulation
- Stable performance
- Brush type
- Optional Brushless type

CONTROL PANEL

Include:

- Precise overload protection over measurement of current.
- LED display. HY502
- 30 mA Leakage Circuit Breaker
- Single phase 2 sockets
- Three phase 1 socket 16A 5 poles, 1 socket 16A 2 poles
- DC output 12V 8.3Amp. with 1.5 meter cable
- Earth connection

Optional:

- ATS connection
- Remote control
- Easy connector

OPTIONS / ACCESORIES

- Different/personal frame design
- Weather proof components and painting
- ATS (Automatic Transfer Switch)



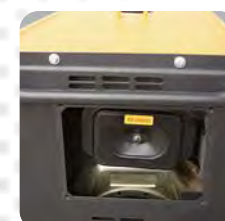
Window for AVR regulation
Allows easy acces for
After Sales



Direct injection
Injection pump
provides easy start and
low fuel consumption



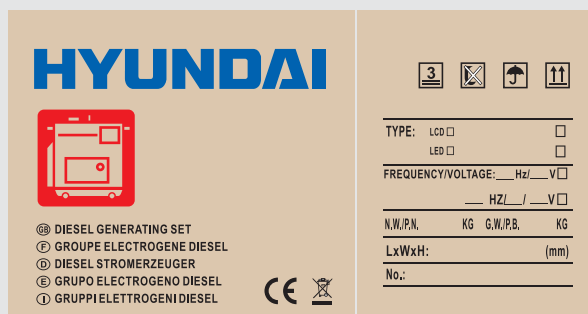
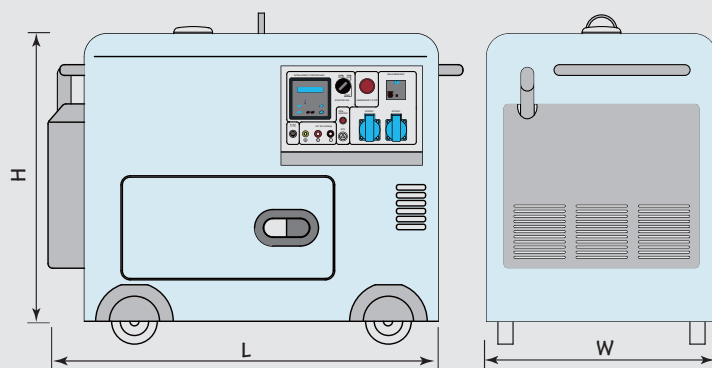
Professional panel
4 functions LED display & 30mA
leakage circuit breaker



Window for changing air filter



Diesel Generator Silent Professional 05-06



Model	Product Size (mm)			Packaging Size (mm)			Package Material
	Length	Width	Height	Length	Width	height	
DHY6000SE	920	520	760	950	570	790	Carton
DHY6000SE-3	920	520	760	950	570	790	Carton
DHY12000SE	1040	660	740	1140	730	790	Veneer Box
DHY12000SE-3	1040	660	740	1140	730	790	Veneer Box
DHY15000SE	1040	660	740	1140	730	790	Veneer Box
DHY15000SE-3	1040	660	740	1140	730	790	Veneer Box

Generator Model		DHY6000SE	DHY6000SE-3	DHY12000SE	DHY12000SE-3	DHY15000SE	DHY15000SE-3
Generator Set	Frequency (Hz)	50	50	50	50	50	50
	Rated Power	5 kW	6.3 kVA	8.7 kW	10.9 kVA	12.5 kW	13.75 kVA
	Max.Power	5.5 kW	6.9 kVA	9.2 kW	11.9 kVA	14 kW	15.2 kVA
	Voltage (V)	230	400	230	400	230	400
	Current (A)	23.9	16.2	40	16.6	54	19.8
	Sockets	2x16A	1x16A/3~ & 1x16A/1~(1)	1x16A & 1x32A(1)	1x16A/3~ & 1x16A/1~(1)	1x16A & 1x32A(1)	1x16A/3~ & 1x16A/1~(1)
	Display	LED4	LED4	LED4	LED4	LED4	LED4
	Fuel Tank Capacity (L)	17	17	21	21	21	21
	Running Time under 50% Load (hr.)	16	16	18?	18?	17.5?	17.5?
	Noise Level behind 7 Meters 50% Load (dBA)	72.6	72.6	76	76	77	77
	DC Output (V/A) (2)	12 / 8.3	12 / 8.3	12 / 8.3	12 / 8.3	12 / 8.3	12 / 8.3
	Battery (Ah)	36	36	36	36	36	36
Engine	Engine Type	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
	Engine	D400	D400	D840E	D840E	D870E	D870E
	Power Output (HP)	10	10	22	22	25	25
	Start Method	Elec. start	Elec. start	Elec. star	Elec. star	Elec. star	Electrical start
	Displacement (ml)	418	418	836	836	870	870
	Oil Capacity (L)	1.65	1.65	1.7	1.7	1.7	1.7
Alternator	Alternator	A5-1S	A5-3S	A9-1S	A9-3S	A12.5-1S	A12.5-3S
	Rated Power (kVA)	5	6.3	9	11	12.5	14
	Power Factor (Cosφ)	1	0.8	1	0.8	1	0.8
	Voltage Regulation	AVR	AVR	AVR	AVR	AVR	AVR
Log.data	N.W.(kg)	160	160	245	245	245	245
	G.W.(kg)	167	167	280	280	280	280
	Loading capacity 20/40/40HQ	48/100/146	48/100/146	30/64/94	30/64/94	30/64/94	30/64/94

FEATURES

- Ideal for sensitive equipment
- Inverter technology that assures 100% stable voltage
- Compact and portable design for home and emergency stand-by appliances

ENGINE

- 4 stroke OHV air cooled gasoline engine
- Low vibration and low noise
- Quick and easy start
- A small dimensions engine to stand for a hard work
- Miniaturized fuel injection system
- Low fuel consumption
- Oil alert system with automatic engine shut-off

ALTERNATOR

- Compact and light design
- Electronic regulation
- Stable performance
- Brush less type
- Pure wave sinus

CONTROL PANEL

Include:

- 2 sockets (1 for HY1000Si)
- Overload protection
- DC protection
- LED indicator for overload protection, running.
- Power safe switch for save fuel consumption when not running at full load.
- Earth connection

OPTIONS / ACCESORIES

- Transport wheel trolley
- Electric start for all model (not for HY1000Si)
- Remote control
- Other sockets connection



Fuel prime pump
to assure and easy and fast start up
Available in models HY2000/3000Si



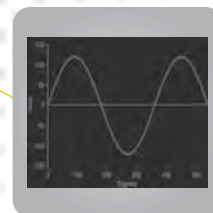
PP+V plastic case
provides strong resistance



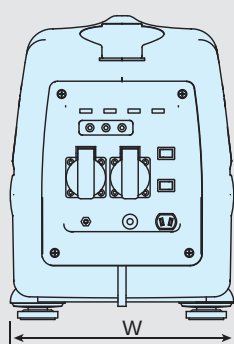
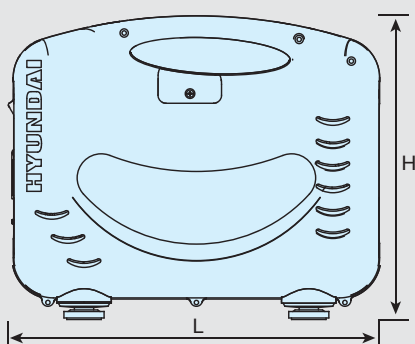
ECO switch
variable engine speed for
economic mode



HY3600SEi



Gasoline Generator Inverter 07-08



Model	Product Size (mm)			Packaging Size (mm)			Package Material
	Length	width	height	Length	width	height	
HY1000Si	464	278	391	490	300	410	Color carton box
HY2000S(E)i	551	308	488	575	330	507	Color carton box
HY3000S(E)i	551	308	488	575	330	507	Color carton box
HY3600S(E)i	600	452	500	650	510	565	Heavy duty carton

Generator Model		HY1000Si	HY2000S(E)i	HY3000S(E)i	HY3600SEi
Generator Set	Frequency (Hz)	50	50	50	50
	Rated Power	0.9 kW	2.0 kW	2.6 kW	3.2 kW
	Max.Power	1.0 kW	2.2 kW	2.8 kW	3.4 kW
	Voltage (V)	230	230	230	230
	Current (A)	4.4	9.5	13.2	14.8
	Sockets	1x16A	2x 16A	2x 16A	2x16A
	Display	LED	LED	LED	LED
	Fuel Tank Capacity (L)	2.7	4.5	4.5	13
	Running Time under 50% Load (hr.)	4.5	5.5	4.5	7
	Noise Level behind 7 Meters 50% Load (dBA)	58	58	58	58
	DC Output (V/A)	12 / 8.3	12 / 8.3	12 / 8.3	12 / 8.3
	Battery (Ah)	-	6	6	7
Engine	Engine Type	Gasoline	Gasoline	Gasoline	Gasoline
	Engine	HX53	HX125	HX149	HX229
	Power Output (HP)	2	4.9	5.2	6.6
	Start Method	Manual start	Manual/Electric start	Manual/Electricstart	Electric start
	Displacement (ml)	53	125	149	229
	Oil Capacity (L)	0.25	0.45	0.45	0.9
Alternator	Alternator	A11	A12	A26I	A32I
	Rated Power (kVA)	0.9	2	2.8	3
	Power Factor (Cosφ)	1	1	1	1
	Voltage Regulation	Electronic	Electronic	Electronic	Electronic
Log.data	N.W.(kg)	13	27	28.5	55
	G.W.(kg)	15	30	31.5	60
	Loading capacity 20/40/40HQ	445/906/1086	280/576/700	280/576/700	159/328/328

FEATURES

- Full frame for better protection diameter 32mm.
- Simple frame design to reduce weight
- Oil alert with automatic engine shut off

ENGINE

- 2 stroke air cooled gasoline engine, mix oil 50:1 (HYH960A)
- 4 stroke air cooled gasoline engine
- Low vibration and low noise
- Quick and easy start
- A small dimensions engine to stand for a hard work
- Miniaturized fuel injection system
- Low fuel consumption

ALTERNATOR

- Compact and light design
- AVR regulation
- Stable performance
- Brush type
- Optional Brushless type

CONTROL PANEL

Include:

- Volt meter
- 2 sockets for single phase, 1 socket for HYH960A
- Circuit breaker
- DC output 12V 8.3A
- Earth connection

OPTIONS

- Wheel Kits
- Full Color Packaging



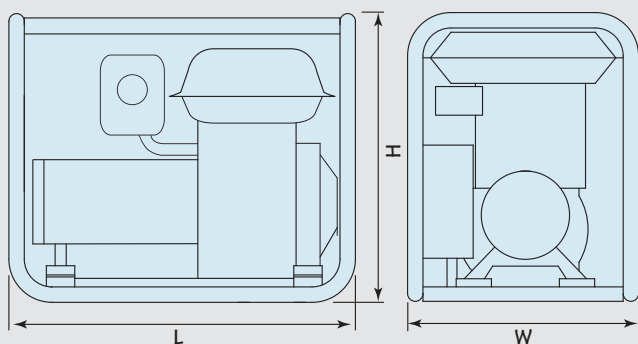
AVR regulation
ensures smooth voltage output
(not available in all models)



HYH960A
2 stroke engine



Gasoline Generator Open Hobby 09-10



HYUNDAI



Ⓔ GASOLINE GENERATING SET
Ⓕ GROUPE ELECTROGENE ESSENCE
Ⓖ BENZIN STROMERZEUGER
Ⓔ GRUPO ELECTROGENO GASOLINA
Ⓕ GRUPPIELETTROGENI BENZINA



TYPE: ☐
FREQUENCY/VOLTAGE: ☐ Hz / ☐ V
N.W./P.N. KG G.W./P.B. KG
LXWXH: (mm)
No.:

Model	Product Size (mm)			Packaging Size (mm)			Package Material
	Length	width	height	Length	width	height	
HYH960A	370	310	320	380	320	330	Carton
HY1200L	450	355	370	460	365	385	Carton
HY2200F	600	435	455	610	445	470	Carton
HY3000F	600	435	455	610	445	470	Carton
HY6800FE	700	510	575	710	520	590	Carton

Generator Model		HYH960A	HY1200L	HY2200F	HY3000F	HY6800FE
Generator Set	Frequency (Hz)	50	50	50	50	50
	Rated Power	750 W	900 W	2 kW	2.5 kW	5 kW
	Max.Power	800 W	1.0 kW	2.2 kW	2.8 kW	5.5 kW
	Voltage (V)	230	230	230	230	230
	Current (A)	4.1	4.3	9.5	10.8	23.8
	Sockets	1x 16A	2x 16A	2x 16A	2x 16A	2x 16A
	Display	Volt meter	-	Volt meter	Volt meter	Volt meter
	Fuel Tank Capacity (L)	4	4.8	15	15	12
	Running Time under 50% Load (hr.)	10	13	16	15	8
	Noise Level behind 7 Meters 50% Load (dBA)	60	66	69	69	69
	DC Output (V/A) (1)	12 / 8.3	12 / 8.3	12 / 8.3	12 / 8.3	12 / 8.3
	Battery (Ah)	--	--	--	--	--
Engine	Engine Type	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline
	Engine	IC45	IC90	IC160	IC200	IC390
	Power Output (HP)	2	2.4	5.5	6.5	13.5
	Start Method	Manual start	Manual start	Manual start	Manual start	Electric start
	Displacement (ml)	63	90	163	196	389
	Oil Capacity (L)	0.3	0.6	0.6	0.6	1.1
Alternator	Alternator	A0.7H	A1H	A2H	A25H	A5H
	Rated Power (kVA)	0.75	1	2	2.5	5
	Power Factor (Cosφ)	1	1	1	1	1
	Voltage Regulation	Brushless Condenser	Brushless Condenser	AVR	AVR	AVR
Log.data	N.W.(kg)	19	28	40	41	69
	G.W.(kg)	20	30	42	43	72
	Loading capacity 20/40/40HQ	760/1560/1760	475/470/470	180/380/380	180/380/380	105/180/210

FEATURES

- Full frame for better protection diameter 32mm.
- Simple frame design to reduce weight
- Oil alert with automatic engine shut off

ENGINE

- 4 stroke air cooled gasoline engine
- Low vibration and low noise
- Quick and easy start
- A small dimensions engine to stand for a hard work
- Miniaturized fuel injection system
- Low fuel consumption

ALTERNATOR

- Compact and light design
- AVR regulation
- Stable performance
- Brush type

CONTROL PANEL

Include:

- 2 sockets for single phase
- Thermal breaker
- Sockets placed on the rear of the alternator

OPTIONS / ACCESORIES

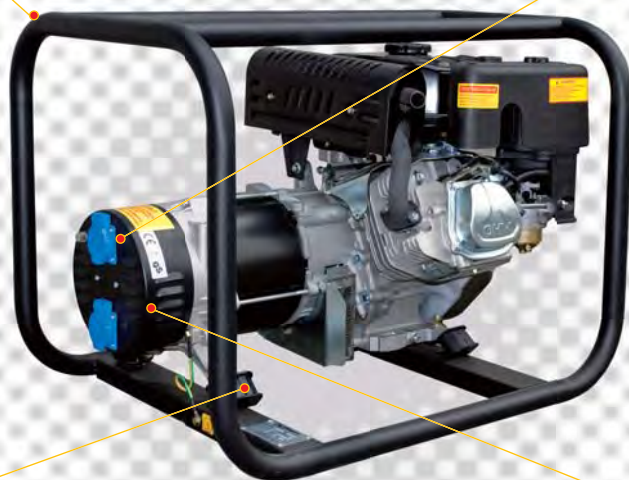
- 22mm. Frame
- Electric start for all the models
- Other sockets connection
- Wheel kit



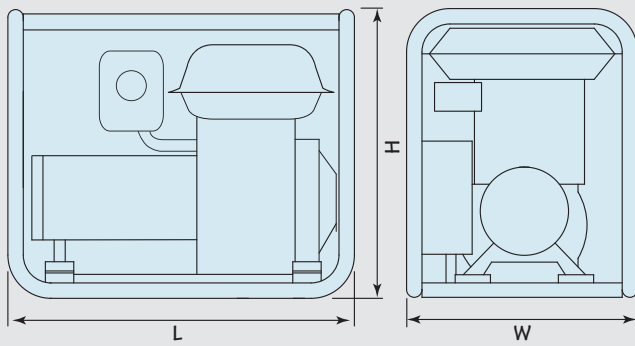
32mm steel tube
provides strong full frame



Output socket in the alternator end
provides fast and reliable connection



Gasoline Generator Open Basic 11-12



HYUNDAI



Ⓔ GASOLINE GENERATING SET
Ⓔ GROUPE ELECTROGENE ESSENCE
Ⓔ BENZIN STROMERZEUGER
Ⓔ GRUPO ELECTROGENO GASOLINA
Ⓔ GRUPPIELETTROGENI BENZINA



TYPE: ☐
FREQUENCY/VOLTAGE: ☐ Hz / ☐ V
N.W./P.N. KG G.W./P.B. KG
LXWXH: (mm)
No.:

Model	Product Size (mm)			Packaging Size (mm)			Package Material
	Length	width	height	Length	width	height	
HY3000I	610	450	460	640	480	490	Carton
HY6000I	720	520	540	750	550	590	Carton
HY7000I	720	520	540	750	550	590	Carton

Generator Model		HY3000I	HY6000I	HY7000I
Generator Set	Frequency (Hz)	50	50	50
	Rated Power	2.5 kW	4.0 kW	5.0 kW
	Max.Power	2.8 kW	4.4 kW	5.5 kW
	Voltage (V)	230	230	230
	Current (A)	12	19.1	24
	Sockets	2x16A	2x16A	2x16A
	Display	-	-	-
	Fuel Tank Capacity (L)	3.6	6.5	6.5
	Running Time under 50% Load (hr.)	7	7.5	7.3
	Noise Level behind 7 Meters 50% Load (dBA)	67	68	68.5
	DC Output (V/A)	-	-	-
	Battery (Ah)	-	-	-
Engine	Engine Type	Gasoline	Gasoline	Gasoline
	Engine	IC210	IC340	IC390
	Power Output (HP)	6.5	11.0	13.0
	Start Method	Manual start	Manual start	Manual start
	Displacement (ml)	212	337	389
	Oil Capacity (L)	0.6	1.1	1.1
Alternator	Alternator	A25I	A4I	A5I
	Rated Power (kVA)	2.5	4	5
	Power Factor (Cosφ)	1	1	1
	Voltage Regulation	AVR	AVR	AVR
Log.data	N.W.(kg)	39	65	66
	G.W.(kg)	42	68	69
	Loading capacity 20/40/40HQ	168/348/432	122/257/257	122/257/257

FEATURES

- Full frame for better protection diameter 32mm.
- Simple frame design to reduce weight
- Oil alert with automatic engine shut off

ENGINE

- 4 stroke air cooled gasoline engine
- Low vibration and low noise
- Quick and easy start
- A small dimensions engine to stand for a hard work
- Miniaturized fuel injection system
- Low fuel consumption

ALTERNATOR

- Compact and light design
- AVR regulation
- Stable performance
- Brush type
- Optional Brushless type

CONTROL PANEL

Include:

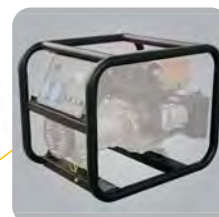
- Precise overload protection over measurement of current.
- LED display HY502
- 30 mA Leakage Circuit Breaker
- Single Phase 2 sockets 16A
- DC output 12V 8.3Amp. with 1.5m cable
- Earth connection

OPTIONS / ACCESORIES

- 22mm. Frame
- Other control panel configurations
- Weather proof components
- Electric start for all the models
- Easy connector for control panel
- ATS connection (only for IC420 engine)
- Remote control (only for IC420 engine)



Professional panel
4 functions LED display & 30mA
leakage circuit breaker



32mm steel tube
provides strong frame

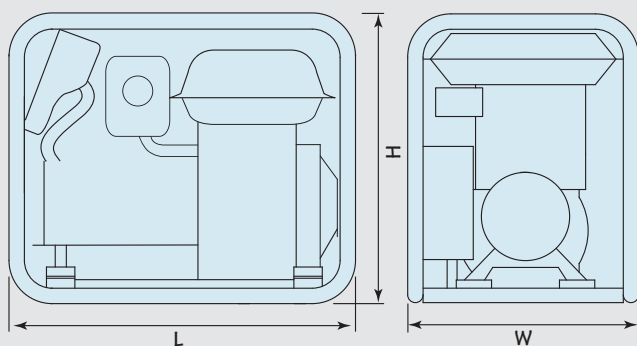


Inclined control panel
for easy read



Easy connector
to control box





HYUNDAI



Ⓔ GASOLINE GENERATING SET
 Ⓟ GROUPE ELECTROGENE ESSENCE
 Ⓑ BENZIN STROMERZEUGER
 Ⓔ GRUPO ELECTROGENO GASOLINA
 Ⓐ GRUPPIELETTOGENI BENZINA



TYPE: ☐
 FREQUENCY/VOLTAGE: ☐ Hz / ☐ V
☐ Hz / ☐ V
 N.W./P.N. KG G.W./P.B. KG
 LXWXH: (mm)
 No.:

Model	Product Size (mm)			Packaging Size (mm)			Package Material
	Length	width	height	Length	width	height	
HY2500	590	450	500	620	480	530	Carton
HY3000	590	450	500	620	480	530	Carton
HY6000	700	530	550	730	560	580	Carton
HY9000	700	530	550	730	560	580	Carton

Generator Model		HY2500	HY3100	HY6000	HY9000
Generator Set	Frequency (Hz)	50	50	50	50
	Rated Power	2 kW	2.5 kW	4 kW	6 kW
	Max.Power	2.2 kW	2.8 kW	4.4	6.6 kW
	Voltage (V)	230	230	230	230
	Current (A)	9.5	12.1	19.1	26
	Sockets	2x16A	2x16A	2x16A	1x16A & 1x 32A (1)
	Display	LED4	LED4	LED4	LED4
	Fuel Tank Capacity (L)	3.6	3.6	6.5	6.5
	Running Time under 50% Load (hr.)	7	6.8	6.5	6
	Noise Level behind 7 Meters 50% Load (dBA)	67	67	68	68
	DC Output (V/A) (2)	12 / 8.3	12 / 8.3	12 / 8.3	12 / 8.3
	Battery (Ah)	-	-	-	-
Engine	Engine Type	Gasoline	Gasoline	Gasoline	Gasoline
	Engine	IC210	IC210	IC340	IC425
	Power Output (HP)	6.5	6.5	11.0	16.0
	Start Method	Manual start	Manual start	Manual start	Manual start
	Displacement (ml)	212	212	337	420
	Oil Capacity (L)	0.6	0.6	1.1	1.1
Alternator	Alternator	A2C	A3C	A4C	A6C
	Rated Power (kVA)	2	2.5	4	6
	Power Factor (Cosφ)	1	1	1	1
	Voltage Regulation	AVR	AVR	AVR	AVR
Log.data	N.W.(kg)	40	42	79	81
	G.W.(kg)	42	44	81	84
	Loading capacity 20/40/40HQ	177/373/436	177/373/436	124/256/256	124/256/256

FEATURES

- Large Fuel tank
- Oil alert with automatic engine shut off
- Full frame for better protection diameter 32mm.
- Big muffler to reduce harmful noise

ENGINE

- 4 stroke air cooled gasoline engine
- Low vibration and low noise
- Quick and easy start
- A small dimensions engine to stand for a hard work
- Miniaturized fuel injection system
- Low fuel consumption

ALTERNATOR

- Compact and light design
- AVR regulation
- Stable performance
- Brush type
- Optional Brushless type

CONTROL PANEL

Include:

- Precise overload protection over measurement of current.
- LED display LED4
- 30 mA Leakage Circuit Breaker
- Single Phase 2 sockets 16A
- DC output 12V 8.3Amp. with 1.5m cable
- Earth connection

OPTIONS / ACCESORIES

- 22mm. Frame
- Other control panel configurations
- Weather proof components
- Electric start for all the models
- Easy connector for control panel
- ATS connection (only for IC420 engine)
- Remote control (only for IC420 engine)
- ATS prepared generator (only IC390/420)



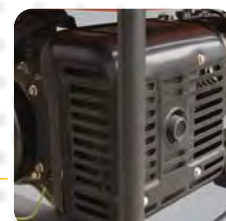
32mm steel tube provides strong frame



vibration absorber base support the whole generator set



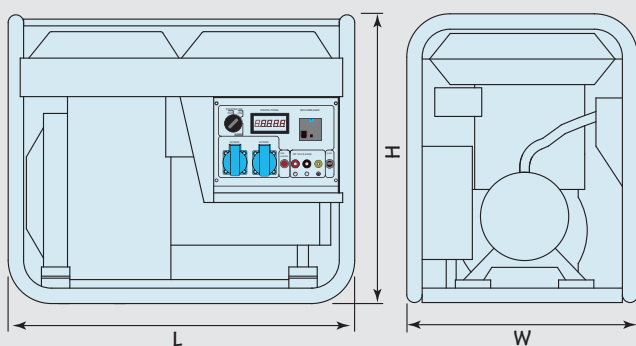
Professional panel
4 functions LED display & 30mA leakage circuit breaker



Exhaust outlet in side
to avoid hot exhaust return into the alternator



Gasoline Generator Open Professional 15-16



HYUNDAI



Ⓔ GASOLINE GENERATING SET
Ⓔ GROUPE ELECTROGENE ESSENCE
Ⓔ BENZIN STROMERZEUGER
Ⓔ GRUPO ELECTROGENO GASOLINA
Ⓔ GRUPPI ELETTROGENI BENZINA



TYPE: ☐
FREQUENCY/VOLTAGE: ___ Hz / ___ V ☐
___ Hz / ___ V ☐
N.W./P.N. KG G.W./P.B. KG
LXWXH: (mm)
No.:

Model	Product Size (mm)			Packaging Size (mm)			Package Material
	Length	width	height	Length	width	height	
HY2500L	610	490	490	640	510	510	Carton
HY3000L(E)	610	490	490	640	510	510	Carton
HY6000L(E)	670	540	555	700	570	585	Carton
HY7000L(E)(3)	670	540	555	700	570	585	Carton

Generator Model		HY2500L	HY3100L(E)	HY6000L(E)	HY7000L(E)	HY7000LE-3
Generator Set	Frequency (Hz)	50	50	50	50	50
	Rated Power	2.0 kW	2.5 kW	4.0 kW	5.0 kW	6.2 kVA
	Max.Power	2.2 kW	2.8 kW	4.4 kW	5.5 kW	6.8 kVA
	Voltage (V)	230	230	230	230	400
	Current (A)	9.5	12.1	19.1	24	9.9
	Sockets	2x 16A	2x 16A	2x 16A	2x 16A	1x16A
	Display	LED4	LED4	LED4	LED4	LED4
	Fuel Tank Capacity (L)	13	13	25	25	25
	Running Time under 50% Load (hr.)	22	20	23	22	20
	Noise Level behind 7 Meters 50% Load (dBA)	67	67	68	68	68
	DC Output (V/A) (2)	12 / 8.3	12 / 8.3	12 / 8.3	12 / 8.3	12 / 8.3
	Battery (Ah)	-	17	17	17	17
Engine	Engine Type	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline
	Engine	IC210	IC210	IC340	IC390	IC390
	Power Output (HP)	6.5	6.5	11.0	13	13
	Start Method	Manual	Manual / elec. start	Manual / elec. start	Manual / elec. start	Elec. start
	Displacement (ml)	212	212	337	389	389
	Oil Capacity (L)	0.6	0.6	1.1	1.1	1.1
Alternator	Alternator	A2L	A3L	A4L	A5L	A5L-3
	Rated Power (kVA)	2	2.5	4	5	6.2
	Power Factor (Cosφ)	1	1	1	1	0.8
	Voltage Regulation	AVR	AVR	AVR	AVR	AVR
Log.data	N.W.(kg)	42	43	82	84	84
	G.W.(kg)	45	46	85	87	87
	Loading capacity 20/40/40HQ	158/330/410	158/330/410	124/256/256	124/256/256	124/256/256

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تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲

FEATURES

- Large Fuel tank
- Oil alert with automatic engine shut off
- Full frame for better protection diameter 32mm.

ENGINE

- 4 stroke air cooled gasoline engine
- Low vibration and low noise
- Quick and easy start
- A small dimensions engine to stand for a hard work
- Miniaturized fuel injection system
- Low fuel consumption

ALTERNATOR

- Compact and light design
- AVR regulation
- Stable performance
- Brush type
- Optional Brushless type

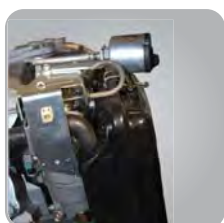
CONTROL PANEL

Include:

- Precise overload protection over measurement of current.
- LED display HY502
- 30 mA Leakage Circuit Breaker
- Single Phase 2 sockets 16A
- DC output 12V 8.3Amp. with 1.5m cable
- Earth connection

OPTIONS / ACCESORIES

- 22mm. Frame
- Other control panel configurations
- Weather proof components
- Electric start for all the models
- Easy connector for control panel
- ATS connection (only for IC420 engine)
- Remote control (only for IC420 engine)
- ATS prepared generator (only IC390/420)



Automatic starter
selenoid motor for automatic
CHOKE system



vibration absorber base
support the whole generator set



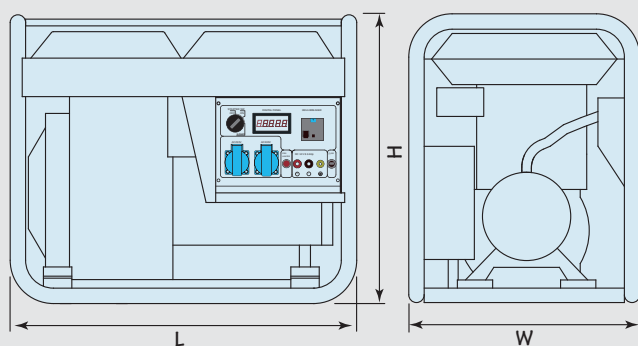
Professional panel
4 functions LED display & 30mA
leakage circuit breaker



Exhaust outlet in side
to avoid hot exhaust return
into the alternator



Gasoline Generator Open Professional 17-18



HYUNDAI



Ⓔ GASOLINE GENERATING SET
 Ⓔ GROUPE ELECTROGENE ESSENCE
 Ⓔ BENZIN STROMERZEUGER
 Ⓔ GRUPO ELECTROGENO GASOLINA
 Ⓔ GRUPPI ELETTROGENI BENZINA



TYPE: ☐
 FREQUENCY/VOLTAGE: ___ Hz / ___ V ☐
 ___ Hz / ___ V ☐
 N.W./P.N. KG G.W./P.B. KG
 LXWXH: (mm)
 No.:

Model	Product Size (mm)			Packaging Size (mm)			Package Material
	Length	width	height	Length	width	height	
HY9000LE	670	540	555	700	570	585	Carton
HY9000LE-3	670	540	555	700	570	585	Carton
HY12000LE	980	665	760	1010	695	790	Carton
HY12000LE-3	980	665	760	1010	695	790	Carton

Generator Model		HY9000LE	HY9000LE-3	HY12000LE	HY12000LE-3
Generator Set	Frequency (Hz)	50	50	50	50
	Rated Power	6 kW	7.5 kVA	8.5 kW	10.6 kVA
	Max.Power	6.6 kW	8.2 kVA	9.5 kW	11.7 kVA
	Voltage (V)	230	400	230	400
	Current (A)	28.7	11.9	41.3	21
	Sockets	1x 16A & 1x 32A (1)	1x 16A 3P & 1x 16 1P (1)	1x 16A & 1x 32A (1)	1x 16A 3P & 1x 16 1P (1)
	Display	LED4	LED4	LED4	LED4
	Fuel Tank Capacity (L)	25	25	25	25
	Running Time under 50% Load (hr.)	19	19	12	12
	Noise Level behind 7 Meters 50% Load (dBA)	69	69	72	72
	DC Output (V/A) (2)	12 / 8.3	12 / 8.3	12 / 8.3	12 / 8.3
	Battery (Ah)	17	17	36	36
Engine	Engine Type	Gasoline	Gasoline	Gasoline	Gasoline
	Engine	IC425	IC425	HY2V680	HY2V680
	Power Output (HP)	15	15	22	22
	Start Method	Elec. start	Elec. start	Elec. start	Elec. start
	Displacement (ml)	420	420	680	680
	Oil Capacity (L)	1.1	1.1	1.5	1.5
Alternator	Alternator	A6L	A6L-3	A85L	A85L-3
	Rated Power (kVA)	6	7.5	9	11
	Power Factor (Cosφ)	1	0.8	1	0.8
	Voltage Regulation	AVR	AVR	AVR	AVR
Log.data	N.W.(kg)	86	86	170	170
	G.W.(kg)	89	89	175	175
	Loading capacity 20/40/40HQ	124/256/256	124/256/256	58/121/121	58/121/121

FEATURES

- Large Fuel tank
- Oil alert with automatic engine shut off
- Full frame for better protection diameter 32mm.

ENGINE

- 4 stroke air cooled gasoline engine
- Low vibration and low noise
- Quick and easy start
- A small dimensions engine to stand for a hard work
- Miniaturized fuel injection system
- Low fuel consumption

ALTERNATOR

- Compact and light design
- AVR regulation
- Stable performance
- Brush type
- Optional Brushless type

CONTROL PANEL

Include:

- LED display
- Precise overload protection over measurement of current
- 30 mA Leakage Circuit Breaker
- 2 sockets for single phase, 1 socket for three phase
- DC output 12V 8.3Amp.
- Earth connection

Optional:

- ATS connection
- Remote control

OPTIONS / ACCESORIES

- 22mm. Frame
- Other control panel configurations
- Different push wheel kits system
- Different/personal frame design
- Weather proof components
- Electric start for all the models



32mm steel tube
provides strong frame
half enveloped design
for semi-soundproof



vibration absorber base
support the whole generator set



Professional panel
4 functions LED display & 30mA
leakage circuit breaker



Exhaust outlet in backside
to avoid hot exhaust return
into the alternator



Technical drawings of the 1000W ultrasonic cleaner showing front, side, and top views with dimensions L, W, and H.



- CE



TYPE: ☐

FREQUENCY/VOLTAGE: ___ Hz/___ V ☐
___ HZ/___ V ☐

N.W./P.N. KG G.W./P.B. KG

LXWXH: (mm)

No.:

Model	Product Size (mm)			Packaging Size (mm)			Package Material
	Length	width	height	Length	width	height	
HY3100S/SE	610	485	470	630	505	500	Carton
HY5000S/SE	610	485	470	630	505	500	Carton
HY7000SE	720	530	580	740	550	610	Carton
HY7000SE-3	720	530	580	740	550	610	Carton
HY9000SE	720	530	580	740	550	610	Carton
HY9000SE-3	720	530	580	740	550	610	Carton

Generator Model		HY3100S(E)	HY5000S(E)	HY7000SE	HY7000SE-3	HY9000SE	HY9000SE-3
Generator Set	Frequency (Hz)	50	50	50	50	50	50
	Rated Power	2.5 kW	4.0 kW	5.0 kW	6.2 kVA	6 kW	7.5 kVA
	Max.Power	2.8 kW	4.4 kW	5.5 kW	6.8 kVA	6.6 kW	8.2 kVA
	Voltage (V)	230	230	230	400	230	400
	Current (A)	12.1	19.1	24	9.9	28.7	11.9
	Sockets	2x 16A	2x 16A	2x 16A	1x16A	1x 16A & 1x 32A <i>(1)</i>	1x 16A 3P & 1x 16 1P <i>(1)</i>
	Display	LED4	LED4	LED4	LED4	LED4	LED4
	Fuel Tank Capacity (L)	13	25	25	25	25	25
	Running Time under 50% Load (hr.)	20	23	22	20	19	19
	Noise Level behind 7 Meters 50% Load (dBA)	66	67	67	67	68	68
	DC Output (V/A) <i>(2)</i>	12 / 8.3	12 / 8.3	12 / 8.3	12 / 8.3	12 / 8.3	12 / 8.3
	Battery (Ah)	17	17	17	17	17	17
Engine							
	Engine Type	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline
	Engine	IC210	IC340	IC390	IC390	IC425	IC425
	Power Output (HP)	6.5	11.0	13	13	15	15
	Start Method	Manual / elec. start	Manual / elec. start	Elec. start	Elec. start	Elec. start	Elec. start
	Displacement (ml)	212	337	389	389	420	420
	Oil Capacity (L)	0.6	1.1	1.1	1.1	1.1	1.1
Alternator							
	Alternator	A3L	A4L	A5L	A5L-3	A6L	A6L-3
	Rated Power (kVA)	2.5	4	5	6.2	6	7.5
	Power Factor (Cosφ)	1	1	1	0.8	1	0.8
	Voltage Regulation	AVR	AVR	AVR	AVR	AVR	AVR
Log.data							
	N.w.(kg)	45	84	86	86	88	88
	G.W.(kg)	48	87	89	89	91	91
Loading capacity 20/40/40HQ		158/330/410	124/256/256	124/256/256	124/256/256	124/256/256	124/256/256

FEATURES

- 4 stroke air cooled diesel or gasoline engine
- Full frame for better protection diameter 32mm.
- Up to 4mm welding electrode.
- Large Fuel tank
- Oil alert with automatic engine shut off
- Welding current adjustment

ENGINE

- Diesel engine D400E, Gasoline engine IC390E
- Low vibration and low noise
- Quick and easy start
- A small dimensions engine to stand for a hard work
- Miniaturized fuel injection system
- Low fuel consumption

ALTERNATOR

- Compact and light design
- Stable performance
- Brush type with AVR regulation
- Max. welding current to 180/190A
- Model 190 design for professional use assure continuous weld arc.

CONTROL PANEL

- Precise overload protection over measurement of current.
- 30 mA Leakage Circuit Breaker
- 1 socket for single phase
- DC output 12V 8.3Amp.
- Welding current adjustment
- Earth connection
- Welding/generator switch (for model 180)

OPTIONS / ACCESORIES

- 22mm. Frame
- Other control panel configurations
- Different push wheel kits system
- Different/personal frame design
- Preheater for easy start for diesel engine
- Remote control for diesel engine
- wheel kit



Professional panel
4 functions LED display & 30mA
leakage circuit breaker



Easy connector
to control box



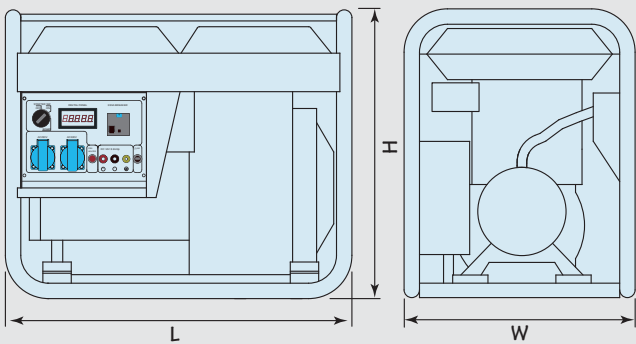
32mm steel tube
provides strong frame



Welding kit
optional accessory



Diesel or Gasoline Generating Welder 21-22



(G) GASOLINE GENERATING SET
 (F) GROUPE ELECTROGENE ESSENCE
 (D) BENZIN STROMERZEUGER
 (E) GRUPO ELECTROGENO GASOLINA
 (I) GRUPPI ELETTROGENI BENZINA



TYPE: ☐

FREQUENCY/VOLTAGE: ___ Hz/___ V ☐

__HZ/ __V

N.W./P.N.	KG	G.W./P.B.	KG
-----------	----	-----------	----

| XWXH (mm)

No : _____

Model	Product Size (mm)			Packaging Size (mm)			Package Material
	Length	width	height	Length	width	height	
DHYW180AC	720	530	580	740	550	610	Carton
DHYW190AC	720	530	580	740	550	610	Carton
HYW180AC	610	485	470	630	505	500	Carton
HYW190AC	610	485	470	630	505	500	Carton

Generator Model		DHYW180AC	DHYW190AC	HYW180AC	HYW190AC
Generator Set	Frequency (Hz)	50	50	50	50
	Rated Power	4.5 kW	2.5 kW <i>(1)</i>	4.5 kW	2.5 kW <i>(1)</i>
	Max.Power	5 kW	2.8 kW	5 kW	2.8 kW
	Voltage (V)	230	230	230	230
	Rated welding current (A)	12	12	12	12
	Rated welding voltage (V)	180	190	180	190
	Display	LED4	LED4	LED4	LED4
	Fuel Tank Capacity (L)	14	14	25	25
	Running Time under 50% Load (hr.)	30	30	25	25
	Noise Level behind 7 Meters (dBA)	77.5	77.5	68	68
	DC Output (V/A) <i>(2)</i>	12 / 8.3	12 / 8.3	12 / 8.3	12 / 8.3
	Battery (Ah)	36	36	36	36
Engine	Engine Type	Diesel	Diesel	Gasoline	Gasoline
	Engine	D400	D400	IC390	IC390
	Power Output (HP)	10	10	13	13
	Start Mothod	Electrical start	Electrical start	Electrical start	Electrical start
	Displacement (ml)	418	418	389	389
	Oil Capacity (L)	1.65	1.65	1.1	1.1
Alternator	Alternator	A5W	A5W190	A5W	A5W
	Rated Power (kVA)	2.5	2.5	2.5	2.5
	Power Factor (Cosφ)	1	1	1	1
	Voltage Regulation	AVR	AVR	AVR	AVR
Log.data	N.W.(kg)	110	112	97	97
	G.W.(kg)	113	115	99	99
	Loading capacity 20/40/40HQ	102/213/281	102/213/281	124/256/256	124/256/256

FEATURES - DIESEL ENGINE

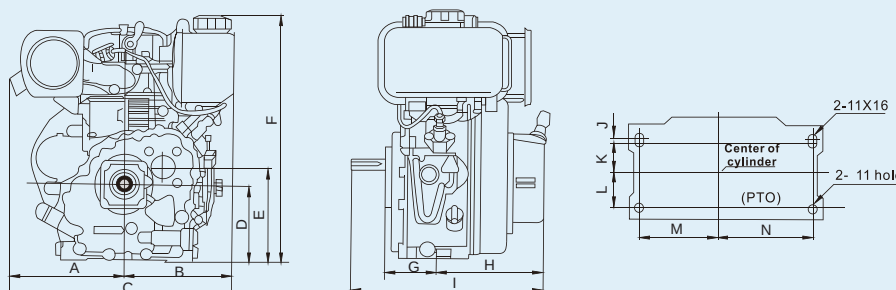
- Air cooled, vertical single cylinder, 4 stroke diesel
- All model featured with direct injection
- All models are counter balanced for high speed operation
- Recoil or electric start
- Multiple PTO shafts available
- Horizontal shaft, oil alert

Diesel Engine Model	D200/E		D300/E		D400/E	
Single cylinder, vertical, 4-stroke, air-cooled						
BoreXstroke [mm(in)]	70x55 (2.76x2.11)		78x62 (3.07x2.44)		86x72 (3.39x2.83)	
Displacement [L(cc)]	0.211 (211)		0.296 (296)		0.418 (418)	
Compression ratio	20:1		20:1		19:1	
Rated speed (rpm)	3000	3600	3000	3600	3000	3600
Rated power [kW(Hp)]	2.5 (3.4)	2.8 (3.8)	3.68 (5.0)	4.0 (5.5)	5.9 (8.0)	6.6 (9.0)
Max. power [kW(Hp)]	2.8 (3.8)	3.1 (4.2)	4.0 (5.5)	4.4 (6.0)	6.6 (9.0)	7.3 (10.0)
Fuel tank capacity [L(US.gal)]	2.5 (0.66)		3.5 (0.92)		5.5 (1.45)	
Fuel consumption [L(US.gal)/hr.]	≤1.01 (0.26)		≤1.41 (0.37)		≤2.15 (0.57)	
Lube oil capacity [L(US.gal)]	0.75 (0.20)		1.1 (0.29)		1.65 (0.435)	
Starting Fashion	Recoil starter / Elec. starter					
Output Shaft	crankshaft / camshaft					
Fuel trademark	0#(summer), -10#(winter) diesel					
Oil trademark	CD grade or SAE10W-30 15W-40					
Net Weight [kG(lbs)]	Recoil start=27 (59.4);Elec. Start=31 (68.2)		Recoil start=33 (72.7);Elec. Start=38 (83.7)		Recoil start=48 (105.6);Elec. Start=53 (117)	
Overall dimension L×W×H [mm(in)]	332x392x416 (13.07x15.43x16.37)		383x421x450 (15.07x16.57x17.71)		417x470x494 (16.42x18.50x19.45)	

D: diesel engine 200:model code E: electric start

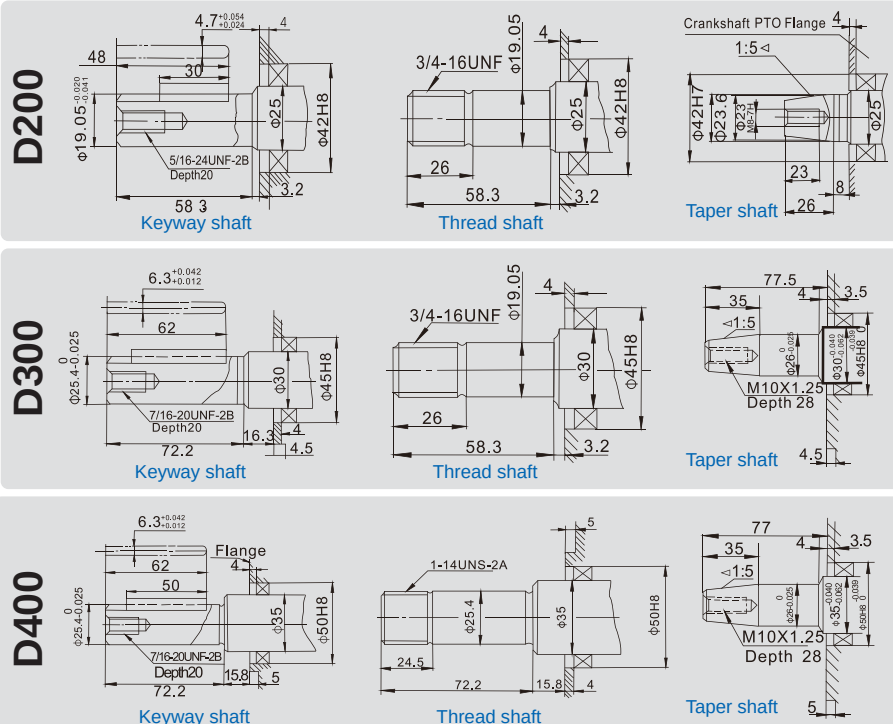


Engine Dimensions

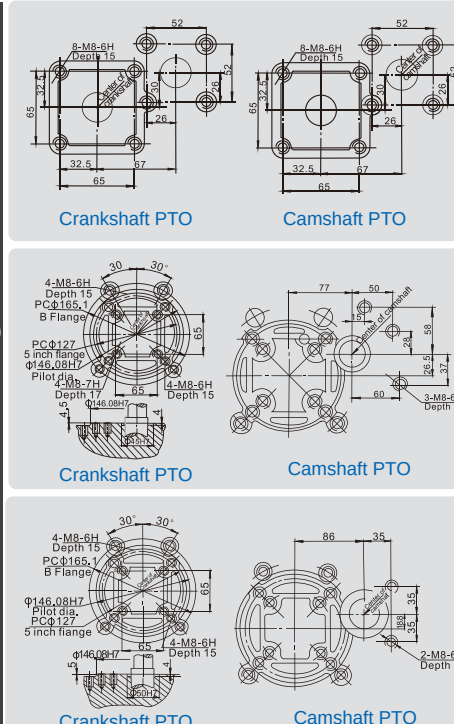


	D200	D300	D400		D200	D300	D400
A	218	218	247	H	185	199	224
B	192	203	223	I	332	383	417
C	392	421	470	J	5	5	5
D	130	145	155	K	35.5	41.5	43.5
E	160	171.8	178.3	L	38.5	43.5	51.5
F	416	450	494	M	95	104	117
G	86	96	105	N	115	144	155

PTO Dimensions



PTO Flagers



- Air cooled, vertical single cylinder, 4 stroke gasoline
- OHV technology (OverHead valves)
- Electronic ignition

- Recoil or electric start
- Multiple PTO shafts available
- Horizontal shaft, oil alert

Diesel Engine Model	IC200	IC340	IC390	IC420
Type	Single cylinder, vertical, 4-stroke, air-cooled			
BoreXstroke [mm]	68x54	82x64	88x64	90x66
Displacement [cc]	196	337	389	420
Compression ratio	8.5:1	8.0:1	8.0:1	8.0:1
Rated speed (rpm)	3600	3600	3600	3600
Rated power [kW(Hp)]	4.7 (6.0)	8.1 (11.0)	9.6 (13.0)	11.0 (15)
Max. power [kW(Hp)]	5.0 (6.5)	9.8 (12.5)	11.3 (14.5)	12.5 (16)
Fuel tank capacity [L]	3.6 (1.0)	6.5 (1.80)	6.5 (1.80)	6.5 (1.8)
Fuel consumption [g/kwh]	≤395	≤374	≤374	≤374
Lube oil capacity [L]	0.6	1.1	1.1	1.1
Starting Fashion	Recoil starter / Elec. starter			
Output Shaft	crankshaft / camshaft			
Fuel trademark	unlead fuel			
Oil trademark	SAE 15W-45			
Net Weight [Kg.] Manual/electric start	15/15.5	31/31.6	32/32.5	33/33.5
Overall dimension L×W×H [mm]	390x330x380	480x445x515	480x445x515	480x445x515

[illegible]

PTO Dimensions

Model	Shaft Type	Keyway Dimensions (mm)	Thread Dimensions (mm)	Taper Shaft Dimensions (mm)
IC200	Keyway shaft	17.4, 15.83	20-1.85, 23, 50, 53	16, 14.3, 72.2, 72.7
	Thread shaft	20, 75, 78.7	20-1.85, 41.25-1.4mm	16, 14.3, 72.2, 72.7
IC340/IC390/IC420	Keyway shaft	17.4, 15.83	20-1.85, 28, 60, 63	16, 14.3, 72.2, 72.7
	Thread shaft	20, 75, 78.7	20-1.85, 41.25-1.4mm	16, 14.3, 72.2, 72.7
IC450	Keyway shaft	17.4, 15.83	20-1.85, 28, 60, 63	16, 14.3, 72.2, 72.7
	Thread shaft	20, 75, 78.7	20-1.85, 41.25-1.4mm	16, 14.3, 72.2, 72.7

Engines are not available for sales figures are only for information

Control panel

Diesel Open

Single Phase Manual Start



CPD11M-LED4

CPD41M-LED3

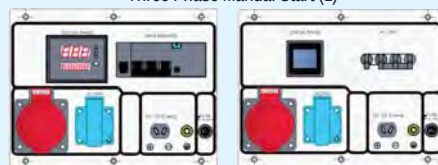
Single Phase Electric Start



CPD11E-LED4

CPD41E-LED3

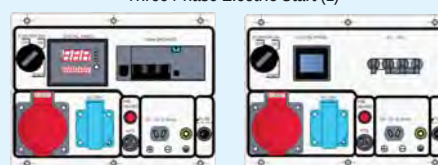
Three Phase Manual Start (1)



CPD12M-LED4

CPD42M-LED3

Three Phase Electric Start (1)



CPD12E-LED4

CPD42E-LED3

Diesel Silent

Single Phase Electric Start



CPD14E-LED4

CPD43E-LED3

Three Phase Electric Start (1)



CPD15E-LED4

CPD44E-LED3

American



20A 125V



30A 125V
30A 250V



30A 125V
30A 250V

Gasoline Economic

Single Phase Manual Start 2 to 5.5 kW



CPG11M-LED4

CPG41M-LED3

Single Phase Manual Start 6kW



CPG12M-LED4

CPG42M-LED3

Gasoline Professional

Single Phase Manual Start 2 to 5.5 kW



CPG11M-LED4

CPG41M-LED3

Single Phase Manual Start 6kW



CPG12M-LED4

CPG42M-LED3

Gasoline Professional

Single Phase Electric Start 2 to 5.5 kW



CPG11E-LED4

CPG41E-LED3

Single Phase Electric Start 6 kW



CPG12E-LED4

CPG42E-LED3

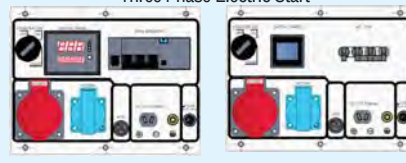
Three Phase Manual Start



CPG13M-LED4

CPG43M-LED3

Three Phase Electric Start



CPG13E-LED4

CPG43E-LED3

Sockets



Australian
15A 250V



Australian
15A 250V



Australian
32A 500V

European



16A 250V



32A 250V



63A 250V



16A 415V



16A 415V

UK



16A 125V
32A 125V



16A 250V
32A 250V



200-346
240-415 16A



13A 250V

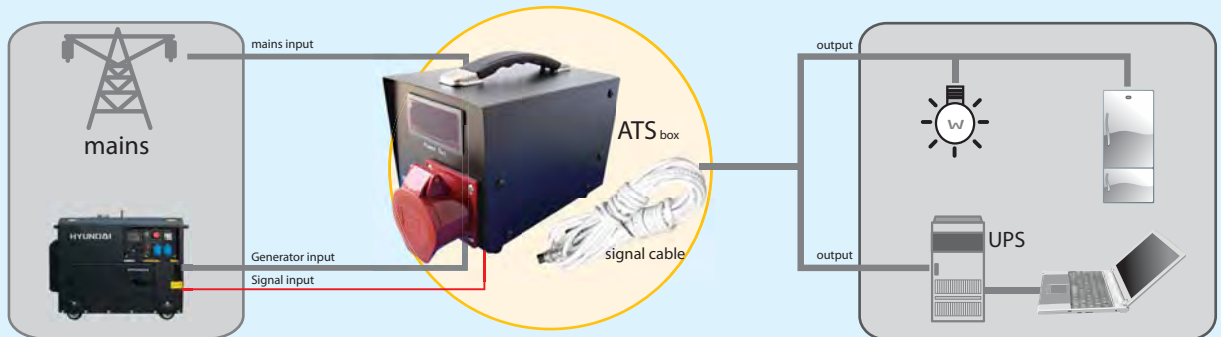
Remote control



50m



ATS box



Frame



32mm steel tube frame



22mm steel tube frame



Square tube frame

Push wheel kit



Maintenance kit

Diesel Generator

Gasoline Generator



air filter core



fuel filter



oil filter



air filter core



spark plug

✂ Diesel engine



Diesel engine



air filter



fuel filter



oil filter



gaskets kit



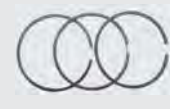
gear case gasket



cylinder gasket



injecting pump gasket



piston rings set



oil seal



connecting rod bush



main bush



speed adjusting spring



injecting pump



injector



high pressure pipe



fuel pipe



oil dipstick



piston



connecting rod



piston pin



needle bearing



bearing



flywheel alternator



start motor



recoil starter assy



muffler assy



voltage regulator

✂ Gasoline engine



Gasoline engine



air filter



spark plug



gaskets set



cylinder set



piston rings set



springs kit



fuel cock



transistor & spark plug cap



carburetor



main bush



oil seal



piston



piston pin



flywheel alternator & wires



connecting rod



✂ Alternator



alternator



AVR



alternator brush



rectifier bridge

✂ Control panel



control panel



LED3



LED4



fuse kit



double voltages relay



start key



circuit breaker



air pre-heater / renew button



thermal breaker



ON-OFF switch



E-stop button



DC fuse



remote controller



ATS sensor



voltage meter



leakage breaker-1 phase



leakage breaker-3 phase



fast cable connector



DC output connector kit



battery

✂ Frame



frame



fuel tank cap



prime fuel filter



fuel tank assy



rubber absorber



fuel gauge



FAMCO

هایپر صنعت

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