



Portable Welders

Generator Joe



Gasoline-powered welders

- Permanent magnet alternator design reduces overall weight.
- Simultaneous welding and AC output.
- Compact in size — easily fits on your service truck or in the basket of high-reach equipment.
- Powered by Honda gas engines with idle control and low oil shutdown standard.

135 amp welder
1.5 kW AC output
Honda engine
GAW135H



Diesel-powered welders

- Kubota diesel engines reduce fuel cost and provide years of trouble-free operation.
- CC and CV welding capability on selected models.
- Optional remote control on 225 amp and larger machines
- Simultaneous welding and AC output.
- Three-year/3,000 hour parts and labor warranty on 225 amp and larger machines.



180 amp welder
3 kW AC output
Honda engine
Electric start
GAW180HE



225 amp welder
6 kW AC output
Kubota diesel engine
SDW225SS



250 amp welder
7.2 kW AC output
Honda engine
SGW250SS



300 amp welder
10 kW AC output
Kubota diesel engine
DLW300ES



400 amp welder
14 kW AC output
Kubota diesel engine
DLW400ES

500 amp welder
3 kW AC output
Kubota diesel engine
DAW500ES



*Some units shown on optional highway-ready trailers.
For more information, please see our full-line welder brochure.*

Portable Welder Specifications

GeneratorJoe

MODEL	GAW135H	GAW180HE	SGW250SS	SDW225SS	DLW300ES	DLW400ES	DAW500S
WELDER FEATURES							
DC Voltage	25.2	26.8	15-28CV, 28CC	15-28CV, 28CC	31CC	34, 2x27CC	16-40CV, 38CC
DC Current	135CC	180CC	250CV 225CC	225CC/CV	300CC	400CC/CV 2x200CC/CV	500CC/CV
100% Duty Cycle @ 100%, amps	40% @ 135A	50% @ 180A	200	200	280	350/2x175	350
Current Range, amps	40-135	50-180	50-250	50-225	35-300	70-400, 2x35-200	40-500
DC Current — Constant Voltage	N/A	N/A	Standard	Standard	N/A	Standard	Standard
DC Current — Constant Current	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Welding Process — SMAW	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Welding Process — FCAW	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Welding Process — GMAW	N/A	N/A	Standard	Standard	N/A	Standard	Standard
Welding Process — GTAW	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Welding Process — ACAC	Standard	Standard	Standard	Standard	Standard	Standard	Standard
AC OUTPUT							
Maximum Output — AC kW Single Phase	1.5	3.0	7.2	6	10	14	3
Cycle	60	60	50/60	50/60	50/60	50/60	50/60
Voltage	120	120	120/240	120/240	120/240	120/240	120
Amperage	15	25	60/30	50/25	87/44	116/58	25
Voltage Regulation	3%	3%	2%	2%	1.5%	1.5%	7%
Receptacles (see chart below)	A	A, C	A, B, F	A, C, F	E, C, H, A	A, C, E, H	A, C
ENGINE FEATURES							
Engine Model	Honda GX200	Honda GX340	Honda GX610	Kubota Z482	Kubota D722	Kubota V1205	Kubota D-1703
No. Cylinders; HP; RPM	1; 6.5; 3600	1; 11; 3600	2; 18; 3600	2; 12.3; 3600	3; 19; 3600	4; 31.5; 3600	3; 34.5; 2800
Fuel Type	Gasoline	Gasoline	Gasoline	Diesel	Diesel	Diesel	Diesel
Fuel Tank Capacity — gal.	1.6	3.7	9.2	6.6	9.5	11.1	12.0
Fuel Consumption at rated load — gph	0.46	0.93	0.76	0.6	1.1	1.5	1.3
Electric Start, Idle Switch	Recoil w/Idle	Standard	Standard	Standard	Standard	Standard	Standard
GENERAL FEATURES							
Simultaneous Use — AC/DC	No	Standard	Standard	Standard	Standard	Standard	Standard
Noise Level — dBA @ 23 feet	76	76	74	68.7	59	70	72
Lifting Bale	N/A	Standard	Standard	Standard	Standard	Standard	Standard
External Drains — Water	N/A	N/A	N/A	Standard	Standard	Standard	Standard
External Drains — Oil, Fuel	N/A	N/A	Standard	Standard	Standard	Standard	Standard
Automatic Safety Shutdown — Oil Pressure	Oil Level	Oil Level	Oil Level	Standard	Standard	Standard	Standard
Automatic Safety Shutdown — Water Temperature	N/A (Air Cooled)	N/A (Air Cooled)	N/A (Air Cooled)	Standard	Standard	Standard	Standard
Automatic Safety Shutdown — Thermal Switch DC	N/A	N/A	Standard	Standard	Standard	Standard	Standard
Automatic Safety Shutdown — Low Battery Charge	N/A	N/A	Standard	Standard	N/A	N/A	Standard
DIMENSIONS AND WEIGHT							
Dimensions — L x W x H in.	21¾ x 17¾ x 19	27½ x 22 x 23¾	43 x 24 x 30	45 x 26 x 31	50 x 27 x 32	61 x 29 x 34	53 x 33 x 34
Dry Weight lbs.	114	239	550	706	842	1,090	1,025
OPTIONS							
Trailers	N/A	N/A	TRLR-10W; TRLR-MPXF**	LTRL-10W*; TRLR-MPXF**	TRLR-10W; TRLR-MPXF**	TRLR-MP; TRLR-MPXF**	TRLR-MP; TRLR-MPXF**
Wheel Kit	UWK	UWK	N/A	N/A	N/A	N/A	N/A
Remote Control	N/A	N/A	Optional	Optional	Optional	Optional	Optional

*Requires adapter kit. ** TRLR-MPXF has built-in 28 gallon fuel cell

Welders Warranty: Models rated at 180 amps and below include a **two-year warranty** covering parts and labor. Models rated at 225 amps and above include a **three-year (or 3,000 hours) warranty** covering parts and labor. Contact Multiquip for complete warranty information.

RECEPTABLE IDENTIFICATION CHART

Match the letter codes in the specification table to the receptacles below.



A — NEMA 5-20R 125V duplex 20A w/GFCI



F — NEMA L14-30R 125/250V 30A twist lock



B — NEMA L5-20R 125V 20A twist lock



C — NEMA L5-30R 125V 30A twist lock



G — NEMA 7410 250V 20A twist lock



D — NEMA L6-20R 250V 20A twist lock



E — NEMA L6-30R 250V 30A twist lock

H — CS-6369 125/250VAC 50A twist lock

Portable Generator Specifications **GeneratorJoe**

MODEL	GA25H	GA29R	GA36HA	GA45RA	GA6HA	GA6HEA	GA6REA	GA97HE	DA7000SSW
Alternator Design	Brushless								
Maximum Watts	2,500	2,900	3,600	4,500	6,000	6,000	6,000	9,700	7,000
Continuous Watts	2,200	2,600	3,200	3,700	5,000	5,000	5,000	8,400	6,000
Voltage	120V			120/240V					
Max. Amps @ 120V	20.8	24.2	30	37.5	50	50	50	80.8	58.3
Cont. Amps @ 120V	18.3	21.7	26.6	30.8	41.6	41.6	41.6	70	50
Max. Amps @ 240V	N/A	N/A	15	18.75	25	25	25	40.4	29.2
Cont. Amps @ 240V	N/A	N/A	13.3	15.4	20.8	20.8	20.8	35	25
Frequency/Phase	60 Hz / Single phase								
Voltmeter	Standard								
Full Power Switch	N/A	Standard							
RECEPTACLES* AND CIRCUIT BREAKERS									
5-20R 125V GFCI 20A	✓	✓	✓ (2)	✓ (2)	✓ (2)	✓ (2)	✓ (2)	✓ (2)	✓
L5-20R 125V; T-Lock 20A	✓	✓	✓	✓	✓	✓	✓	✓	
L5-30R 125V; T-Lock 30A			✓	✓	✓	✓	✓	✓	✓
L6-20R 250V; T-Lock 20A									
L14-20R 125/250V; T-Lock 20A			✓	✓					
L14-30R 125/250V; T-Lock 30A					✓	✓	✓	✓	✓
CS-6369; 125/250VAC 50A									✓
Main Circuit Breaker	20A	22A	13.5A	15A	21A	21A	21A	35A	25A
Number of Poles	1				2				
ENGINE									
Engine Manufacturer	Honda	Robin	Honda	Robin	Honda	Honda	Robin	Honda	Kubota Diesel
Engine Model	GX-160	EX-17D	GX-240	EX-27D	GX-340	GX-340	EH-36	GX-610	Z482
Horsepower (KW)	5.5 (4.1)	5.7 (4.2)	8.0 (6.0)	9.0 (6.7)	11.0 (8.25)	11.0 (8.25)	11.0 (8.25)	18.0 (13.5)	12.5 (9.3)
Rated Speed — RPM	3,600								
Low Oil Shutdown	Standard								
Starting Systems**	Recoil					Recoil/Elect.	Recoil/Elect.		Electric
Fuel Capacity — gal (ltr)	3.2 (12)	2.6 (10)	5.0 (19)	5.0 (19)	5.0 (19)	5.0 (19)	5.0 (19)	10.0 (37.8)	12.5 (9.3)
Running Time — hr./ tank***	6	5	5.5	5.5	5.5	5.5	5.5	6.75	10
Fuel Gauge	Standard								
Automatic Idle Control	N/A		Standard						
Sound Level dB @ 23 ft.	70	71	73	75	76	76	81	78	65.7
DIMENSIONS AND WEIGHT									
Length — in. (cm)	20 (51)	20 (51)	24½ (62)	24½ (62)	25½ (65)	26½ (67)	26½ (67)	31¼ (79)	46 (117)
Width — in. (cm)	16 (41)	16 (41)	22¼ (57)	22¼ (57)	22½ (57)	22¼ (56)	22¼ (56)	21¼ (54)	26 (66)
Height — in. (cm)	18¾ (48)	18 (46)	21½ (55)	21½ (55)	21½ (55)	22½ (57)	22½ (57)	27½ (70)	31½ (80)
Dry Weight — lbs. (kg)	107 (49)	108 (49)	171 (78)	159 (72)	194 (88)	203 (92)	204 (93)	327 (148)	571 (259)
OPTIONS									
Wheel Kit	UWK						WKT-97	WKT225A	
Trailer	N/A								TRLR10W‡

Your Multiquip dealer is:

GeneratorJoe

4016 Quartz Drive
 Santa Rosa, CA 95405
 Phone: 707 539-9003
 Fax: 707 539-5212
 Email: sales@generatorjoe.NET
 Web www.generatorjoe.NET

* See receptacle chart on Page 7.

** Electric start models are shipped less battery.

*** All running times computed at full load using fuel consumption rates supplied by engine manufacturer.

‡ Requires adapter kit.

Note: Some units may be shown with optional equipment.

