

TOTAL WELDING AND CUTTING SOLUTIONS

EDGE 185L

Gasoline Fueled

ProcessesOutput RangeStick Welding (SMAW)60-185A

Power Output Rated (40C)Output6600 Watts Peak120 V , 46000 Watts Continuous240 V , 4

 Output
 Net Wei

 120 V , 50/60 Hz
 140 Kg.

 240 V , 50/60 Hz
 140 Kg.

Net WeightApplicationsHz140 Kg.Maintenance aHzService trucks

AC Generator

Engine- Driven Welder /

Applications Maintenance and repair Service trucks Construction

EDGE 185L delivers a smooth, stable arc from either engine power or 120/240-volt utility power, providing a unique combination of versatility and productivity in a compact & portable package.

Powerful and reliable engine options gives wider choices to users.

Steeples welding current knob makes settings amperage level easy.

Receptacle covers improve safety & reliability.

Compact and portable wheels and handle makes easier movements & real one-man portable.

19 Liters fuel tank capacity makes reliable long-life outdoor power.



240 Volt / and 120 Volt receptacles provides power for had-tools in job site.

Excellent welding results on job-site with stick electrodes in diameters of 1.6mm.to 5mm.

Circuit-breakers protect the output receptacles for superior safety on the field.

Preciously stable welding output provides perfect welding appearance without spatter .

Unbeatable arc performance in it's class.

Easier transport that makes EDGE 185L work anywhere convenience.







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Specifications

Model	Function	Technology	Output Power (V/HZ)	Phase	Output Power (W)	Max Power (W)	Rated Input Current (A)	Fuel Tank (L)	Start Type
EDGE 185L	CC/PIPE	DC/CC	120/240V 50/60HZ	1	6000	6600	50/25	19	Manual

Rated Amperage (A)	Open Circuit Voltage (V)	Welding Current (A)	Duty Cycle (% at A)	Electrode/Wire Dia. (mm)	Machine Size (mm)	Package Size (mm)	NET Weight (kg)	Gross Weight (kg)
150	75	60-185	30%	1.6-5.0	828*580*640	900*700*650	140	150

Engine Specifications

Engine Model	Fuel Capacity	Start Type	Fuel Type	Horse Power	Туре	Cooling Method	RPM
Kohler CH440	19 Liter	Re-Coil	Gasoline	14	CC 429	Air Cooled	3600

Standard Accessories

6 Meters welding cable with 200A Electrode Holder

4 Meters earth cable with 200A Earth Clamp

Welding Performance Data







Guide Of Power Usage

The power generator is designed to provide **strong power** while keeping the voltage within 10 percent of 120/240 V. $120/240 \text{ V} \pm 10$ percent is the range where tools and motors are designed to operate.

Industrial Motors

Motor	Starting Watts	Working Watts
Split Phase 1/8 hp 1/2 hp	800 3,175	300 875
Capacitor Start — Induction Run 1/3 hp 1-1/2 hp	2,020 8,200	720 2,200
Capacitor Start — Capacitor Run 1-1/2 hp	8,100	2,000
Fan 1/8 hp 1/2 hp	1,000 3,500	400 1,100

Agriculture Equipment

Tool	Starting Watts	Working Watts
Portable Conveyor (1/2 hp)	3,400	1,000
Farm Duty Motors		
(e.g. conveyors, feed augers		
air compressors)		
1/3 hp	1,720	720
1-1/2 hp	8,200	2,200
Washer (2 gal/min.)		
550 psi	4,500	1,400
700 psi	6,100	1,600

Hand Tools

ΤοοΙ	Starting Watts	Working Watts
Hand Drill 1/4 inch 1/2 inch	350 600	350 600
Circular Saw 6-1/2 inch 8-1/4 inch	500 1,400	500 1,400
Table Saw (10 inch)	6,300	1,800
Band Saw (14 inch)	2,500	1,100
Air Compressor 1/2 hp 1-1/2 hp	3,000 8,200	1,000 2,200
Electric Chain Saw 1/2 hp, 12 inch 2 hp, 14 inch	1,100 1,100	1,100 1,100
Flood Lights HID Metal halide Mercury Vapor	125 313 1,000 1,250	100 250 — 1,000
High Pressure Washer 1/2 hp 1 hp	3,150 6,100	950 1,600
Wet and Dry Vac (1.7 hp)	900	900





Guide Of Power Usage

Typical Household

APLLIANCE	Starting Watts	Working Watts
Dishwasher		
Cool dry	1,400	700
Hot dry	1,400	1,450
Electric		
Range	0	1,500
6-inch element	0	2,100
8-inch element		
Microwave Oven	800	625
(625 watts)		
Refrigerator or Freezer	2,200	700
Automatic Washer	2,300	1,150
Clothes Dryer		
Gas	1,800	700
Electric	1,800	5,750
Garage Door Opener		
1/4 hp	1,100	550
1/2 hp	1,400	725
Furnace Fan (gas/fuel		
oil)	500	300
1/8 hp	750	500
1/6 hp	1,000	600
1/4 hp	1,400	700
1/3 hp	2,350	875
1/2 hp		
Lights	0	Asindicated
Radio	0	50 –200
Well Pump		
1/3 hp	1,400	750
1/2 hp	2,100	1,000
Sump Pump		
1/3 hp	1,300	800
1/2 hp	2,150	1,050
Central Air Conditioner		
10,000 Btu	2,200	1,500
20,000 Btu	3,300	2,500
24,000 Btu	4,950	3,800
32,000 Btu	6,500	5,000
40,000 Btu	7,800	6,000







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