

# Specifications



## As Simple as 1, 2, 3

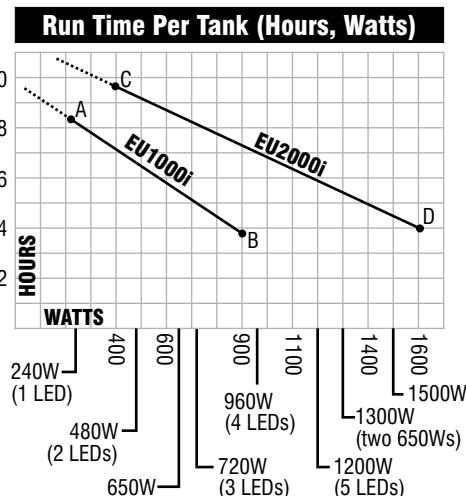
Building the ideal **LENTRY Power & Light System** for your needs involves three choices. Choose a **generator**, one or more **polelight(s)**, and the **height** of each polelight. We make sure that the **legs/frames** (generator-specific) and the **light base** (which depends on the number of polelights) are correct, based on your choices.

## Generators

**LENTRY Power & Light Systems** utilize Honda® EU1000i and EU2000i generators. The rated wattage is the amount of power the generator can supply continuously to run polelights and other tools. Max wattage is available for short bursts.



	HONDA EU1000i	HONDA EU2000i
A/C Output	120V 1000W max (8.3A) 900W rated (7.5A)	120V 2000W max (16.7A) 1600W rated (13.3A)
Engine	Honda GXH50	Honda GX100
Displacement	50 cc	98.5 cc
D/C Output	12V, 96W (8A)	12V, 96W (8A)
Receptacles NEMA Plug	15A 125V Duplex 5-15P	20A 125V Duplex 5-20P
Noise Level	53 dB at 1/4 load 59 dB at rated load	53 dB at 1/4 load 59 dB at rated load
Fuel Capacity	0.6 gallons	1.1 gallons
Run Time		
1/4 load	8.3 hrs (A on chart)	9.6 hrs (C)
Rated load	3.8 hrs (B)	4 hrs (D)



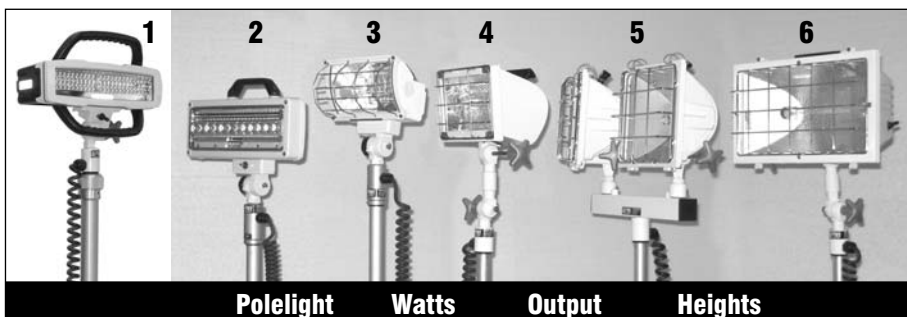
## Polelights

When choosing polelights, the total wattage of those chosen can't exceed the rated wattage of the generator (900W with the EU1000i or 1600W with the EU2000i). If choosing more than one polelight, add the watts of each polelight together to determine the total required.

Total output of polelights is determined by adding together the lumens of each; for example, a **LENTRY System** with two 650W polelights (as shown here) would produce 50,000 lumens.

### ABC and FRC

The polelights available with **LENTRY Units** are manufactured by our partners Akron Brass Co. (ABC) and Fire Research Corp. (FRC) **exclusively** for Ventry Solutions, Inc., and optimized for use with **LENTRY Light Systems**. All polelights are optimized per VSI specs with added features and modifications affecting the dimensions, bulbs, wiring, poles, knuckles, knobs, guards, etc.



Polelight	Watts	Output	Heights
1. ABC LED	240	20,000 lumens	Standard, XT
2. FRC LED	240	20,000 lumens	Standard, XT, Hi-Lite
3. 650W FRC	650	25,000 lumens	Standard, XT, Hi-Lite
4. 650W ABC	650	25,000 lumens	Standard, XT
5. 2-Headed FRC*	1300	50,000 lumens	Standard, XT, Hi-Lite
6. 1500W ABC	1500	35,000 lumens	Standard, XT

\*As of June 2013, the 2-Headed Light will look different than shown above.

## Height

**LENTRY polelights** are available in 2 or 3 heights (see above). Only FRC light heads disconnect from the telescoping poles, and tools are required.

With legs and polelights fully extended, **LENTRY Units** with **standard height polelights** are about 4.5 feet (56 inches) tall. **LENTRY Units** with **XT polelights** stand about 8.5 to 9 feet tall with legs and lights fully extended, and they are still 5.5' tall with only the legs extended but lights down. **Units** with **Hi-Lites** stand 13' tall.

For a sense of scale, in the photo at left, Doug stands next to a **LENTRY Unit** with dual XT height polelights, one is extended and one is not. Doug is about 5'8" tall.

## LEGS / FRAMES

**LENTRY Legs** are generator-specific. They bolt directly to the bottom of a Honda EU1000i or Honda EU2000i generator. They also retrofit to those generators or their international equivalents. Legs may be added to some generators which have light kits attached. **LENTRY Legs** are also available to fit several compact extrication rescue pumps (info online or upon request).



EU2000i unit and single standard height FRC LED

## LIGHT BASES

A light base is required on **LENTRY Systems** to hold the polelight(s).

- A Single Light Base holds one polelight in front of the generator.
- A Dual Light Base holds two polelights at the generator's sides.
- A Triple Light Base holds three polelights, one in front and two at the sides.

FRC polelights have a slightly smaller diameter pole than ABC polelights. For each FRC polelight ordered, a non-removable metal sleeve will be inserted into the light base.

## SIZE AND WEIGHT

Weights and dimensions shown are approximate and may vary a small amount due to normal fluctuations in materials and manufacturing processes.

With the turn of a knob on the light base, telescoping **LENTRY polelights** are easily disconnected from the rest of the unit. Polelights are usually disconnected for transport and storage, as shown at left, so dimensions and weights are shown for the polelights and the rest of the unit separately. When connected, there are endless ways that the polelights can be rotated and folded in order fit in different spaces. Two possible configurations are shown at right.



LENTRY Legs with a Single Light Base

Above and below: LENTRY Units with EU1000i generators and single 650W ABC standard height polelights

EVERYTHING EXCEPT THE POLELIGHTS	Weight*	H x W x D
EU1000i Generator, Legs, Single Light Base (left)	40 lbs	20 x 13.75 x 25.5 in
EU1000i Generator, Legs, Dual Light Base	41 lbs	20 x 13.75 x 23 in
EU1000i Generator, Legs, Triple Light Base	43 lbs	20 x 13.75 x 25.5 in
EU2000i Generator, Legs, Single Light Base (left)	58 lbs	21 x 14.75 x 27.25 in
EU2000i Generator, Legs, Dual Light Base	60 lbs	21 x 16.25 x 27 in
EU2000i Generator, Legs, Triple Light Base	62 lbs	21 x 16.25 x 27.25 in

\*Fuel and oil adds 4.2 lbs. to EU1000i units and 7.5 lbs. to EU2000i units.

POLELIGHTS ONLY			Shortest Length		
	Height	Weight	Head Depth	Head Width	
650W ABC	Standard	12 lbs	8 in	10 in	19.75 in
	XT	15 lbs	8 in	10 in	43.5 in
650W FRC <sup>1</sup>	Standard	8 lbs	6.5 in	8.75 in	26.25 in
	XT	11 lbs	6.5 in	8.75 in	56 in
ABC LED	Standard	13.5 lbs	9.75 in	14 in	24 in
	XT	16 lbs	9.75 in	14 in	51 in
FRC LED <sup>1</sup>	Standard	11 lbs	3.5 in	14.25 in	28.25 in
	XT	13.5 lbs	3.5 in	14.25 in	57.25 in
2-Headed FRC <sup>1</sup> Standard, XT and Hi-Lite. Specs coming soon					
1500W ABC <sup>2</sup>	Standard	12 lbs	6.5 in	16.5 in	20 in
	XT	14.5 lbs	6.5 in	16.5 in	43.25 in



Shortest Length is measured with the light head(s) folded as far down as possible, as shown here with the 650W FRC polelight.



LENTRY Units without polelights



LENTRY Unit with an EU2000i and dual 650W ABC XT polelights

## WARRANTIES AND FACTORY SUPPORT

Workmanship and materials on **LENTRY Units** are covered by Ventry Solutions, Inc. for five years. Bulbs are not covered under warranty. If you have a problem with your **LENTRY Power & Light System** at any time, please let us know! We will do our best to resolve any issues and ensure your complete satisfaction.

<sup>1</sup>Hi-Lite specifications coming soon. <sup>2</sup>Special order: may not ship as quickly as the other lights.

### WARRANTIES

Frames/Legs - 5 years  
Light Bases - 5 years  
EU1000i gen - 1 year  
EU2000i gen - 3 years  
ABC LED light - 6 years  
Other ABC lights - 5 yrs  
FRC LED light - 5 years  
Other FRC lights - 2 yrs