

# SPECIFICATIONS

## LENTRY<sup>®</sup> ALL-TERRAIN PORTABLE POWER & LIGHT SYSTEMS

### HOW TO CHOOSE?

Mix and match generators and lights to get the ideal LENTRY<sup>®</sup> system for your needs. Complete LENTRY units include a **Generator**, **Legs** (also called a stand or frame), a **Light Base** (to hold the light), and one or two **Lights** (the telescoping lights are also called “**Polelights**” to clarify that the pole portion and light head/s do not separate).

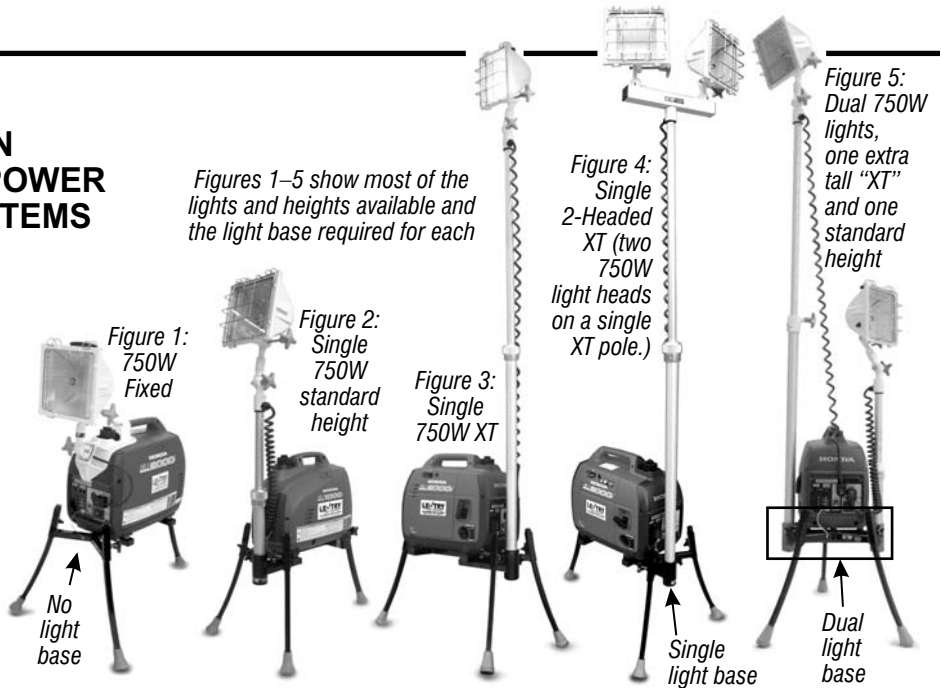
Models are adequately identified or described by specifying the generator and light or lights you want; the corresponding legs and necessary light base follow from those. Main factors in picking the generator and lights are the amount of light needed, reserve power desired, and available storage space.

1. Choose a generator.
2. Choose a light or lights. The total wattage of the lights chosen must not exceed the rated wattage of the generator. “750W Fixed” lights are currently offered only for the EU2000i.
3. Add the generator-specific legs.
4. Add the necessary light base, according to the number of lights chosen. As shown in *Figure 1*, no light base is needed for the “750W Fixed” light because it attaches directly to the EU2000i generator. A single light base is needed to hold one telescoping polelight in front of the generator (*Figures 2, 3, 4*). A dual light base is needed to hold two telescoping polelights at the generator’s sides (*Figure 5*).

All the possible combinations of generators and lights are indicated with a check (✓) in the chart titled “13 Models.” Components may be ordered separately to retrofit to these same generators or their international equivalents.

### WARRANTIES

Workmanship and materials are covered by Ventry Solutions, Inc. for five years. Lights are also covered for five years, not including bulbs. See the chart “Generator Specs” at right for generator warranties. 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.



13 MODELS			Generators (and Rated Wattage)		
Light Base, Lights, and Heights (and Total Wattage Required)			HONDA	BALDOR	HONDA
			EU2000i (1600w)	PC17Ri (1400w)	EU1000i (900w)
<i>Fig. 1</i> 750W Fixed (no light base required)	(750w)	✓*			
<i>Fig. 2</i> Single 750W standard	(750w)	✓	✓	✓	✓
<i>Fig. 3</i> Single 750W XT	(750w)	✓	✓	✓	✓
Dual 750W, both standard	(1500w)	✓			
Dual 750W, both XTs	(1500w)	✓			
<i>Fig. 5</i> Dual 750W, one standard, one XT	(1500w)	✓			
<i>Fig. 4</i> Single 2-Headed XT	(1500w)	✓			
<i>Fig. 6</i> Single 1500W standard	(1500w)	✓*			
<i>Fig. 6</i> Single 1500W XT	(1500w)	✓			

\*Special order: may not ship as quickly as other lights.

### GENERATORS

LENTRY Systems utilize Honda<sup>®</sup> EU1000i, Honda EU2000i and Baldor<sup>®</sup> PC17Ri generators with inverter technology for fuel efficiency, super-quiet operation, and computer-safe power supply.

	HONDA EU2000i	BALDOR PC17Ri	HONDA EU1000i
A/C Output	1600W rated (13.3A) 2000W max (16.7A) 120V	1400W rated 1650W max 120V (13.7A)	900W rated (7.5A) 1000W max (8.3A) 120V
Engine	Honda GX100	Robin/Subaru	Honda GXH50
Displacement	98.5 cc	85.8 cc	50 cc
D/C Output	12V, 96W (8A)	12V (13.7A)	12V, 96W (8A)
Receptacles NEMA Plug	20A 120V Duplex 5-20P	20A 120V Duplex 5-20R GFCI	15A 120V Duplex 5-15P
Fuel Capacity	1.1 gallons	1.05 gallons	0.6 gallons
Run Time on One Tank of Fuel	Rated load - 4 hrs 1500w light - 4.5 hrs 750w light - 8 hrs 1/4 load - 9.6 hrs	Operational run time is 4 hours on 1 tank	Rated load - 3.8 hrs 750w light - 4.8 hrs 1/4 load - 8.3 hrs
Noise Level	59 dB at rated load 53 dB at 1/4 load	59 dB	59 dB at rated load 53 dB at 1/4 load
Warranty	3 years commercial	3 years commercial	1 year commercial

**LIGHT CHOICES**

Figure 6: 1500W Light

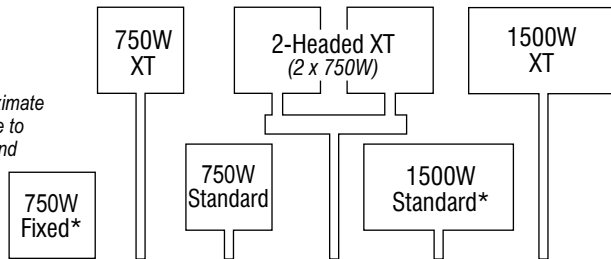


All LENTRY polelights utilize either 750- or 1500-watt halogen bulbs with the best power-to-output ratio available at a reasonable cost. The 750W halogen emits 21,000 lumens, *twice* that of comparable 500W bulbs and *five times* that of comparable but more expensive LEDs.

750W bulbs are used in all LENTRY lights except 1500W standard and XT lights (*1500W light shown in Figure 6*). 2-Headed XT lights use two 750W bulbs. Units with Dual and 2-Headed lights emit 21,000 lumens (one light turned on) or 42,000 (both turned on). All LENTRY Systems – even with only one 750W light – are surprisingly bright. All LENTRY lights are UL® listed and CSA approved.

**LIGHT SPECS**

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

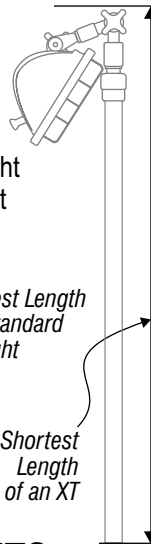


Total Watts Required	750	750	750	1500	1500	1500
Output (lumens)	21,000	21,000	21,000	42,000	35,000	35,000
Weight (lbs)	8.5	13	10	20	13	14
Shortest Length (inches)	N/A	43.5	19.75	51	20	43.25
Depth of Light Head (inches)	7	7	7	7	6.5	6.5
Width of Light Head (inches)	10.5	10.5	10.5	22.5	16.5	16.5

\*Special order: may not ship as quickly as the other lights.

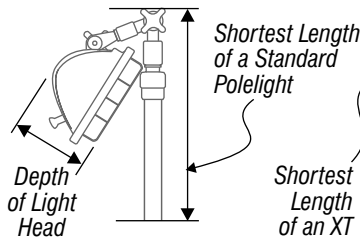
**Shortest Length**

Shortest length is listed above to help figure out storage of the polelights themselves. This is measured with the polelight separated from the base, shortened as far as it can, and with the light head(s) folded forward as illustrated below and at right. For polelight mounting accessories, please also see the “Options & Extras” flyer.



**Depth of Light Head**

Depth of the light head (housing) only is shown at right. Lights may be articulated in a variety of ways to realize different dimensions. If your storage area is tight, please call us to make sure the LENTRY unit you want will fit.



**HEIGHTS**

LENTRY units stand from 3.5 to 8.5 feet tall with legs and lights fully extended. Complete LENTRY units with the non-telescoping “750W Fixed” light are about 3.5 feet tall. Those with standard height polelights stand about 4.5 feet tall. Those with extra tall “XT” polelights stand over 8.5 feet tall. *Figures 1 through 5* on page 1 show several LENTRY units with legs and lights fully extended and all three light heights: fixed, standard and XT. The dual unit in *Figure 5* shows the relative heights of the XT and standard height polelights, as it has one of each.

**LIGHT CONFIGURATIONS**

All telescoping LENTRY polelights may be easily disconnected from the generator/legs portion of the unit by turning a large knob on the light base. This leaves the generator, legs and light base together, as shown in *Figures 7 and 8*. Be advised that the “750W Fixed” light does not disconnect easily, as it attaches directly to the EU2000i generator with screws. *Figures 9–11* show several ways the lights can be folded while remaining connected to the rest of the unit.

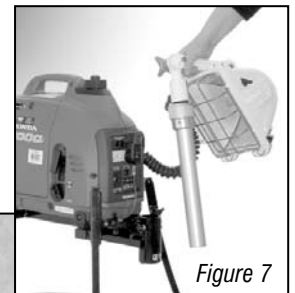


Figure 8: Dual unit with lights disconnected



Figure 9: Dual unit with lights connected

**SAMPLE SIZES AND WEIGHTS**

Dimensions and weights of several popular models are shown here. Additional measurements are available upon request and online at [ventry.com](http://ventry.com).

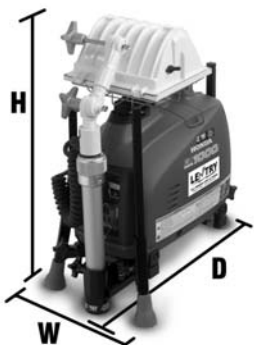


Figure 10: Light folded over the top

MODEL	DIMENSIONS (H x W x D in inches)	WEIGHT
EU1000i with single standard 750W light	As in Figure 10: 26 x 13.5 x 25.5 As in Figure 11: 19.5 x 13.5 x 31.5	51 lbs.
EU2000i with single standard 750W light	As in Figure 10: 27.25 x 14.75 x 28.25 As in Figure 11: 21 x 14.75 x 34.5	70 lbs.
EU2000i, dual light base, without lights, legs retracted	As in Figure 8 (Generator, legs and light base only): 21 x 16.25 x 27	63 lbs.
EU2000i, dual lights, one XT, one standard, lights connected	As in Figure 9 (Lights connected): 44 x 16.25 x 27	86 lbs.



Figure 11: Single light folded forward and down