

BID SPECIFICATIONS

LENTRY® PORTABLE LIGHT SYSTEM

Model 2SPECX-C

1. LENTRY® PORTABLE LIGHT Model 2SPECX-C incorporates one all-terrain three-legged LENTRY Frame (US patent D684,309), one Honda® EU-series generator, one telescoping pole, one high output light, and one case in which to store the light.
2. LENTRY UNIT shall stand, with legs and pole fully extended, over 8 feet tall.
3. LENTRY UNIT shall have three independently adjustable, outward curving, powder-coated legs made of solid aluminum, which:
 - Allow the unit to rise twelve inches above the ground in order for the generator to be level and raised above sand, snow, and water;
 - Allow the unit to be placed on stairs or uneven ground;
 - Allow the unit to straddle ground debris; and
 - Protect the generator and keep it up off the ground, even when retracted.
4. LENTRY UNIT shall include a LENTRY V-Spec LED light head which shall:
 - Produce 28,000 lumens of light and use only 336 watts of power;
 - Be equipped with Quick Release hardware to allow fast and easy separation (and reconnection) of the light from the telescoping pole;
 - Weigh less than 11 lbs. and measure 14.75 inches high x 14.5 inches wide x 3.5 inches deep; and
 - Be able, without repositioning the generator, to tip far forward and back to aim at the ground or sky, and rotate more than 360 degrees for side-to-side aiming.
5. LENTRY UNIT'S telescoping pole, identified as XT height, shall:
 - Be detachable from the generator portion of the system by turning a knob on the frame;
 - Retract (shorten) to 44 inches and extend (lengthen) to 83.75 inches (not including the light head); and
 - Have a twist-lock mechanism allowing the pole to be locked at any length in between the retracted and extended lengths.
6. LENTRY UNIT'S power supply shall be a gasoline powered generator with inverter technology for fuel efficiency, super-quiet operation, and computer-safe. The generator shall:
 - Have a rated wattage of 1800W (15A) and maximum wattage of 2200W (18.3A);
 - Power a 336 watt light for 8.3 hours on a 0.95-gallon tank of gas;





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- Feature 20A 125V duplex receptacles, NEMA plug 5-20P; and
 - Not exceed 57 dB at rated load and 48 dB at ¼ load.
7. LENTRY UNIT shall include one injection molded plastic LENTRY® V-Spec Series Case C2318 to hold and protect the light head. Case shall:
 - Be made in the USA of extreme-duty polypropylene copolymer resin;
 - Measure 18 x 22.5 x 8.5 inches;
 - Meet military standards for protection against air, water, theft and impacts (MIL-STD-810G);
 - Have polyethylene closed-cell inner foam cut exactly to fit the V-Spec LED light head, which will not disintegrate with sun or water and will protect and cushion the light and provide extra energy/shock absorption;
 - Be submersible, water-tight, and dust-proof; and
 - Feature two-step latches, multiple points for padlocks, and multiple recessed handles.
 8. LENTRY UNIT, without the light or pole attached and not including the case, shall be capable of fitting in a 21 inches high x 14.75 inches wide x 27.25 inches deep compartment and weigh less than 59 lbs., not including fuel and oil.
 9. LENTRY UNIT shall be covered by warranties of:
 - 1 years on the generator;
 - 5 years on the light head;
 - Lifetime on the case; and
 - 5 years on other components, workmanship, and materials.
 10. LENTRY UNIT shall be available with the optional Digital Tiny Tach™ combination tachometer and hour meter, which tracks RPM and total hours.