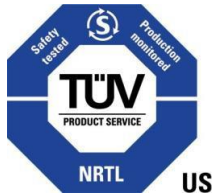


ASE G3-SC™

12 VOLT SOLAR LIGHT

- Standalone Bus Stop Lighting

TUVus CERTIFIED TO UL CLASSIFICATION 1838



PATENTED

Technical Specification

Assembled in Las Vegas at ASE's TUVus Certified Factory

Model	G3-SC™ SOLAR LIGHT
Solar Modules	3 Triangular shaped Fixture Integrated PV (FIPV) 9 Watt Modules form a pyramid with the fourth side of the pyramid being the access door. Module is Monocrystalline laminated with black Tedlar & Tempered Glass. Total of more than 27 Watts PV.
LED Bulb	12Volt E26 Base 3W LED 6000K bulb (Various LED Bulbs & Kelvin color available upon request) Life span of LED 10 years or more.
Battery	12.8VDC 11.4Ah Lithium-Ion Phosphate Battery (life span 2 to 5 years).
Operating Temperature	Lithium-Ion Phosphate Battery -10~140 degrees Fahrenheit.
Controller	Programmable 10 Amp or 20 Amp Controller. Controller runs Dusk to Dawn or it can be programmed to turn off the light for the middle of the night and turn back on hours before dawn. Various other options are available.
Light Output	3W LED Flood Light bulb with 120 lumens per Watt (360 lumens) equal to a 60W incandescent bulb. Can upgrade to 5W LED Flood Light bulb with 120 lumens per Watt (600 lumens) equal to a 75 - 100 watt incandescent bulb.
Ground Illumination	360 degree socket 30' - 35' around or Adjustable Angle Socket Flood Light 30' - 50' around, Illumination is 1.5 foot candles at 10' directly above the ground.
Light Run Time	3W Bulb – up to 14 hours per night at full power 365 days per year. System autonomy 40 hours.
Fixture size	20 inches square X 23 inches tall, including "bird deterrent cap" and Lexan Lens
Fixture Weight	35 lbs. with Lithium-Ion Phosphate Battery.
Individual Box Size	43-46 lbs. 24(L) X 22(W) X 22(H) inches.
Installation	10'-13' (above ground) using 2"x2" square galvanized pole, 3" OD tube or 3.5" OD schedule 10 mounting pole, can be top mounted with a 10" x 10" base plate, or set into concrete a recommended minimum of 2' deep.
Maintenance	All the components are field maintainable - Bulbs, Battery and Controller
Warranty	Includes a 2-year manufacturer's warranty on all parts and components. However, the Solar Modules and Fixture are warrantied for 10 years. Lithium battery has a 2-year warranty.

American Solar Electric Inc.

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