



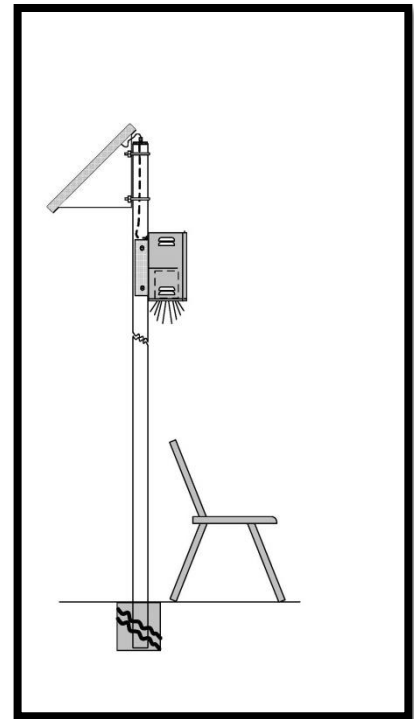
SolarBusStop

Overview

The SolarBusStop high powered LED solar lighting system comes complete with solar power assembly, fixture, bracket and all mounting hardware to attach to a pole. SEPCO can also provide a pole to meet wind load specifications.

The SolarBusStop solar power assembly ranges from 30 Watts to 150 Watts with the size of the battery assembly allowing for a minimum of five days autonomy. The solar power assembly is sized according to installation location and takes into concern local conditions.

The BusStop fixture comes complete with LEDs and driver used to operate the fixture from the solar charged batteries. The SolarBusStop is a 3 Watt LED recessed fixture.





SolarBusStop

Solar Power

SEPA30	Solar Electric Power Assembly 30 Watt
SEPA50	Solar Electric Power Assembly 50 Watt
SEPA75	Solar Electric Power Assembly 75 Watt
SEPA100	Solar Electric Power Assembly 100 Watt
SEPA150	Solar Electric Power Assembly 150 Watt



Solar panel assemblies are selected to charge the battery assembly to run the light fixture the needed run time operation of the project. The panel assembly is selected by the solar lighting specialist working on the project taking into consideration installation location, operation of the fixture and available sun hours.

Battery Assembly

XS	36 Amp Hour Battery Assembly
S	82 Amp Hour Battery Assembly
M	112 Amp Hour Battery Assembly

Battery assemblies are chosen to go along with the solar panel assembly to provide the needed power to run the light fixture all night, year round. The size battery also chosen provides a minimum of 5 days of backup power for times of inclement weather and to extend the life of the battery. The battery assembly is typically mounted under the solar panel assembly to provide shading to the battery. There are alternate battery enclosure options that can be located remotely for roof mounted or transformer base installations.



SolarBusStop

Fixture



OVERVIEW: The light fixture assembly is a recessed light for accent lighting for flags, pathways, overhead recessed lighting and provides a hidden light source. The fixture comes complete with LEDs and driver used to operate the fixture from the solar charged batteries. The light fixture can be mounted where needed with the solar remotely mounted on a pole or roof.

APPLICATIONS: Bus Stops, Bus Shelters, Walkways, Courtyards, Pathways, Flags, Bus Shelters, Bus Stops, Pavillions

HOUSING: Die Cast Aluminum

FINISH: Pewter or Powder Coated

OPTICAL ASSEMBLY: Specular Anodized Aluminum Reflectors

LAMPING: 3 Watt LED

DIMENSIONS: 5" Round / 3.9" High

SHIPPING WEIGHT: 3 lbs

Watts	Color	Finish
3	3K – 3000°K	Pewter or PC

Control Options

Each system comes complete with a controller to run the light for the required operation profile needed for each project.

Notes:

Controller Options

ALC / MPPT NOTES

- 1 - DTD (Dusk to Dawn)
- 2 - DAT (Dusk Activated for __ Hours)
- 3 - DIM (Dimming Operation)
- 4 - DATDIM (Dusk Activated, Dim for Remainder of Night)
- 5 - DATDIMFI (DAT, DIM, Full Intensity __ Before Dawn)
- 6 - DTDDIMMAIDFI (DTD, DIM, Full Intensity MAID Activated)
- 7 - DATDIMMAIDFI (DAT, DIM, Full Intensity MAID Activated)
- 8 - AOC (Always On Controller)
- 9 - CUS (Custom Configuration, see description)

- MAID** – Motion Activated InfraRed Detector
- OCS** – Occupancy Sensor
- RAS** – Remote Actuated Switch
- RTC** – Real Time Clock
- RRTC** – Remote Real Time Clock
- SLT** – Spring Loaded Timer



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Pole

The pole options vary in accordance to project needs, wind load requirements, size of power assembly, foundations and bases. Each pole is specified to the project and ranges from PZ1 to PZ8 depending on the strength needs of the project.

PZ1	Load Category 1
PZ2	Load Category 2
PZ3	Load Category 3
PZ4	Load Category 4
PZ5	Load Category 5
PZ6	Load Category 6
PZ7	Load Category 7
PZ8	Load Category 8

Pole Type
SG Steel Galvanized
AL Aluminum
FC Fiberglass Composite
Custom_____

Pole Base	Pole Height
AB Anchor Base	_____
DB Direct Burial	Heights range: 10' to 35'
TB Transformer Base	
Custom_____	

Final Project

Customer Name : _____

Job Name : _____

Location Zip Code : _____

SEPA_____ - _____ **-BSING3-**_____ **-PZ**_____

Notes:
