

SWEES

LED Street Lights



SWElect

Stay powerful
when Sun shines.
And thereafter...

(Formerly known as NUMERIC POWER SYSTEMS LIMITED)



Backed by a rich experience in the manufacture of UPS Systems and allied Power conditioners for over 28 years, SWELECT Energy Systems provides eco-friendly, power saving and Energy Efficient LED Lighting Solutions for a wide range of applications. Our proficiency is backed by a relentless drive for excellence and commitment to deliver world-class lighting solutions for our customers.

APPLICATIONS

- Road lighting for city streets
- Life districts
- Industry areas
- Cross walks
- Ports
- Schools / Colleges
- Parks
- Petrol Stations

FEATURES

- Ensures power saving and environment protection
- Low Power Consumption
(1/10 of incandescent, 1/2 to 2/3 of Fluorescent)
- Long life span of over 50,000 hrs
- No UV radiation
- Low heat generation
- IP 65 Protection
- Aluminum housing for better heat dissipation
- Automatic ON and OFF control for solar powered street lights
- Easy installation & maintenance

LED Street Lights

Parameters	SS SL 010	SS SL 030	SS SL 048	SS SL 096	SS SL 144	SS SL 192
Input Voltage	85 - 264 V AC / 12 - 24 V DC			85 - 264 V AC		
Power Efficiency	85%					
LED Quantity	8	30	48	96	144	192
System Consumption	12 W	35 W	60 W	120 W	180 W	240 W
Lamp Initial Flux	900 lm	3210 lm	5136 lm	10272 lm	15408 lm	20544 lm
Beam Angle	120°(horizontal) x 60°(vertical)					
Color Temperature	Warm White (2600 - 3700 K); Pure White (3700 - 5000 K); Cool White (5000 - 7000 K)					
IP Rating	IP 65					
Working Life	> 50,000 Hours					
Gross Weight	3.1 kg	7.5 kg	8.0 kg	11.0 kg	14.0 kg	16.0 kg
Dimensions LWH (mm)	469 x 200 x 65	646 x 242 x 87	494 x 315 x 86	629 x 315 x 86	764 x 315 x 86	909 x 315 x 86

Solar charge controller

Solar Charge Controllers will be provided ranging from 5A to 20A depending on the configuration

Solar panels

Crystalline Solar panels can be provided ranging from 30 Wp to 180 Wp depending on the backup time required

Batteries

Deep Cycle VRLA batteries will be provided ranging from 7.2 Ah to 200 Ah depending on the backup time required

For customized solutions and LED Street Lights not listed here, please contact us.

As standards, specifications and designs change from time to time, please ask for confirmation of the information given in this publication.

swelect
ENERGY SYSTEMS LIMITED

Authorised Dealer
Vel Power Ventures



Accredited as Channel Partner for Off-grid and Decentralized Solar PV Applications under JNNISM by MNRE
Empanelled as Energy Service Company with Bureau of Energy Efficiency (BEE)



RESCO
certification



ESCO
certification



ISA TECHNOVATION
AWARD



TRAILBLAZER
2011 award



No.1 Solar Solution
Provider (Integrator)
company of the year 2012



SD Award 2012 for
Leadership in Roof Top
Solar Installations

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