Our Clients

S.S. Solar Energy Pvt. Ltd.

AN ISO 9001:2015 Certified Company

Corp Office: B-87, Sec-60, Noida-201301, Uttar Pradesh (India)

Contact: 0120-4133441

Mobile : +91-95 40 111 928 | +91- 93 50 111 928

+91-82 87 851 851 | +91-82 87 852 852

Email: info@sssolargroup.com | sssolargroup@gmail.com

Visit us at: www.sssolargroup.com | www.energyexpert.in

Customer care : 9081 500 500

Design by : 9717752522

ENERGY EXPERT.in

S.S. Solar Energy

An ISO 9001:2015 Certified Company

Poles I Solar Products I LED Products

PRODUCT CATALOGUE
2024

INTERNATIONAL 4CAST

About US :-
We S.S. Solar is an Indian brand and operating from since 2008 is founded by Mr. Subhash Srivastava and Mr. Shivam Srivastava as a responsible organization in power sector, having manufacturing facility at Noida. We are pioneer in solar street lighting solutions and growing solar company .Having in house R&D for all our products. We hereby offer reliable and quality products and extended service support and maintains of same. As a prestigious brand we are taken into consideration for social responsibility for environment. Our solar solutions are designed as per Indian conditions understanding the requirement to give best results for longer time. Our all products are as per MNRE guidelines and specifications and as per BIS standards.

Vision :-
Enlighten the word with clean Energy.

Mission:-
Customer satisfaction in segment of Electrical, Renewable energy and Storage solutions.

Values:-
Deliver the promise represent true capabilities.
Committed to Excellence.

Teamwork.
Diversity & inclusion Environment.

PRODUCT RANGE

- Solar LED Street Light (6w-60w)
- LED Street Light (30w-300w)
- LED Flood Light (30w-800w)
- Lithium Based Solar LED Street Light (9w-40w)
- All in One Integrated Street Light (9w-40w)
- Solar Pv Module (40w-335w)
- Solar Battery LED Acid (40AH-200AH)
- Lithium Ion And Lipo4 Battery (6AH-150 AH)
- Solar Power Plant (On Grid/Offgrid/Hydbrid)
- Solar Inverter
- Solar Lantern
- Solar Home Light System
- High Mast Light - Solar & LED
- Designer and Decorative poles
- Glavanized octagonal poles

www.sssolargroup.com I www.energyexpert.in

Semi Integrated LED Street Light 2-in -1

Our product range includes a wide range of semi integrated light 2-in-1 from 9w-40w street light

12w-18w

12w-30w

7w-30w

40w-50w

60w-72w

100w-120w

PRODUCT DETAILS :

- Brand - Energy Expert
- MNRE / TUV / BIS Approved
- 2-5 Years of Warranty
- Input Voltage 12.8V
- LED - Edision/Osram
- Lumen Output-140 per watt
- Lighting Color Cool Daylight
- Body High Pressure Aluminum Di- Cast
- IP66, LM79, Lm80
- Driver Efficiency > 90%
- Protections Surge & over voltage Protection
- Color Temperature 5000K-6500K
- Auto Dusk to Down
- MPPT Technology Controller
- Dimming Facility
- Over charging Protection
- Charging & Battery Indication

we are leading manufactures and suppliers of semi integrated light 2-in-1 Led Street Light in Delhi NCR

INTERNATIONAL

Integrated All in One LED Street Light

Pioneers in the industry, we offer integrated All in One 9w-30w Light from India.

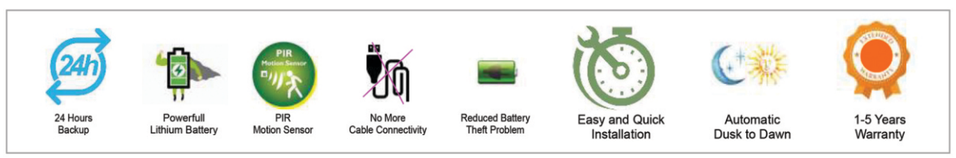
15w - 20w

24w - 30w

SPECIFICATION

LUMINARY	9W	12W	18W	24W	30W
LUMENS	1260	1680	2520	3360	4200
SOLAR PANEL	40W	50W	60W	75W	75W
BATTERY PACK	12Ah LiP04	18Ah LiP04	24Ah LiP04	30Ah LiP04	36Ah LiP04
SOLAR CHARGING TIME	6 Hours				
LIGHTING TIME	2 Nights				
WATERPROOF	Yes				
MATERIAL	Aluminum Alloy				
WORKING TEMPERATURE	-25 C to 65 C				
LED WORKING LIFE	More than 50,000 hours				
LED CHIP	15W (15 x 1W)				
WARRANTY	5 years system				
MOTION SENSOR (PIR)	YES				
MODE	33% Brightness Run Mode, 100% PIR Mode				
LED MAKE	Edisson / Osram				
CERTIFICATION	MNRE, LM79, LM80, ISO				
LED Driver Efficiency	90%				

Battery Indication | Over Charge Proection, IP Rting IP65



AC LED Street Light

Our range of product include 24w-250w AC Led Street Light

100w-120w

100w-120w

24w-30w

60w-72w

50w-60w

40w-50w

40w-50w

200w-250w

300w-350w

PRODUCT DETAILS :

- Brand - Energy Expert
- BIS / PWD Approved
- 2-5 Years of Warranty
- Input Voltage 100V-320V
- LED - Edision/Osram
- Lumen Output-140 per watt
- Frequency -50 HZ
- Power Factor > .95
- CRI >85%
- Lighting Color Cool Daylight
- Body High Pressure Aluminum Di- Cast
- IP66, LM79, Lm80
- Driver Efficiency > 90%
- Protections Surge & over voltage Protection
- Color Temperature 5000K-6500K
- Auto Dusk to Down

INTERNATIONAL

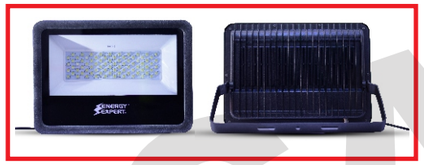
LED Flood Light

Our range of products include 30w - 800w LED Flood light

50w

100w

150w



200w-250w

300w-400w

800w

PRODUCT DETAILS :

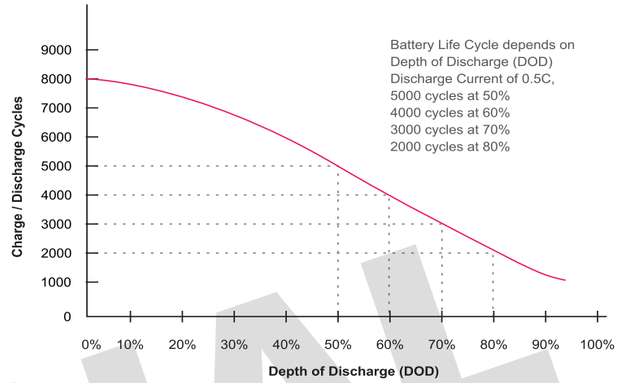
- CRI >85%
- Lighting COlor Cool Daylight
- Body High Pressure Aluminum Di- Cast
- IP66, LM79, Lm80
- Driver Efficiency > 90%
- Protections Surge & over voltage Protection
- Color Temperature 5000K-6500K
- Auto Dusk to Down
- Brand - Energy Expert
- BIS / PWD Approved
- 2-5 Years of Warranty
- Input Voltage 100V-320V
- LED - Edision/Osram
- Lumen Output-140 per watt
- Frequency -50 HZ
- Power Factor > .95

Lithium Battery (lifepo4)

What is Lifepo4 battery?
The lithium iron phosphate battery or LFP battery, is a type of lithium-ion battery using lithium iron phosphate as the cathode material, and a graphitic carbon electrode with a metallic backing as the anode.

FEATURES

- Lithium Iron Phosphate (LiFePO4) Battery
- Safest lithium chemistry
- High energy density 120-130kwh/kg
- Efficient & long-lasting up to 7000+ cycles
- Good high temperature performance
- Good high rate discharging performance
- Excellent stability



CHARACTERISTICS

- Voltage: 3.2V, 6.4V, 9.6V, 12.8V, 25.6V, 51.2V
- Capacity: 6Ah, 12Ah, 18Ah, 24Ah, 30Ah, 36Ah
- 42 Ah, 48Ah, 56Ah, 60Ah, 150Ah
- Output: 10Wh - 2560WhDOLL-10006-Lithium Boll

READY TO INSTALLIATION

- Cell Modules Variety Available
- Multiple cells assembled with protection circuit board (PCB), wire & connector available
- Battery Modules or units available for variety application19DELL

REPLACEMENT

- Plug & Play Replacement in Battery Pack Level for Maintenance

APPLICATION

The Battery is applicable for industrial, commercial or residential purposes. Battery Modules or units are connected from Wh up to Mwh for renewable energy system.Energy Storage System

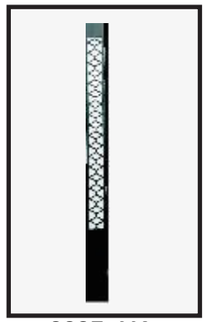
Energy Storage System	Electric Vehicle (EV)
Solar Energy Storage	Telecom
Solar Street Lighting	Robotic
Medical	UPSDELL

A Grade Cell
BIS Approved
2-5 Years Warranty

ACASTI INTERNATIONAL

Modern Design Pole

SSSE- 001
3-6 mtr


SSSE- 002
3-4 mtr

SSSE- 003
3-6 mtr

SSSE- 004
3-4 mtr

SSSE- 005
3-4 mtr

SSSE- 006
5,6,9 mtr

SSSE- 007
3-4 mtr

SSSE- 008
3-4 mtr

SSSE- 009
3-4 mtr

SSSE- 010
3-4 mtr

SSSE- 011
3-6 mtr

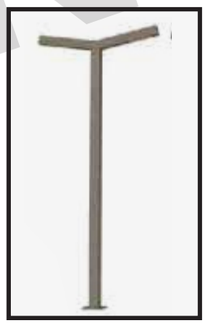
SSSE- 012
3-6 mtr

SSSE- 013
4-6 mtr

SSSE- 014
3800 mm

SSSE- 015
3800 mm

SSSE- 016
3.5 mtr


SSSE- 017
3-6 mtr

SSSE- 018
3-6 mtr

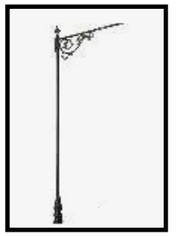
SSSE- 019
3-6 mtr

SSSE- 020
3-6 mtr

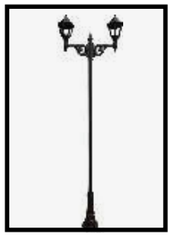
Heritage Pole Design

SSSE- 101
3-8 mtr.

SSSE- 102
3-5 mtr.


SSSE- 103
3-6 mtr.

SSSE- 104
4 mtr.


SSSE- 105
3-5 mtr.

SSSE- 106
3-4 mtr.

SSSE- 107
3-4 mtr.

SSSE- 108
3-4 mtr.

SSSE- 109
3-4 mtr.

SSSE- 110
3-5 mtr.

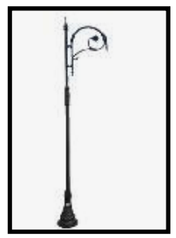
SSSE- 111
2700mm

SSSE- 112
3 mtr.

SSSE- 113
2400mm

SSSE- 114
3-4 mtr.

SSSE- 115
3 mtr.


SSSE- 116
3-7 mtr.

SSSE- 117
3-4 mtr.

SSSE- 118
3-7 mtr.

SSSE- 119
3-6 mtr.

SSSE- 120
3 mtr.

SSSE- 121
3-4 mtr.

SSSE- 122
3 mtr.

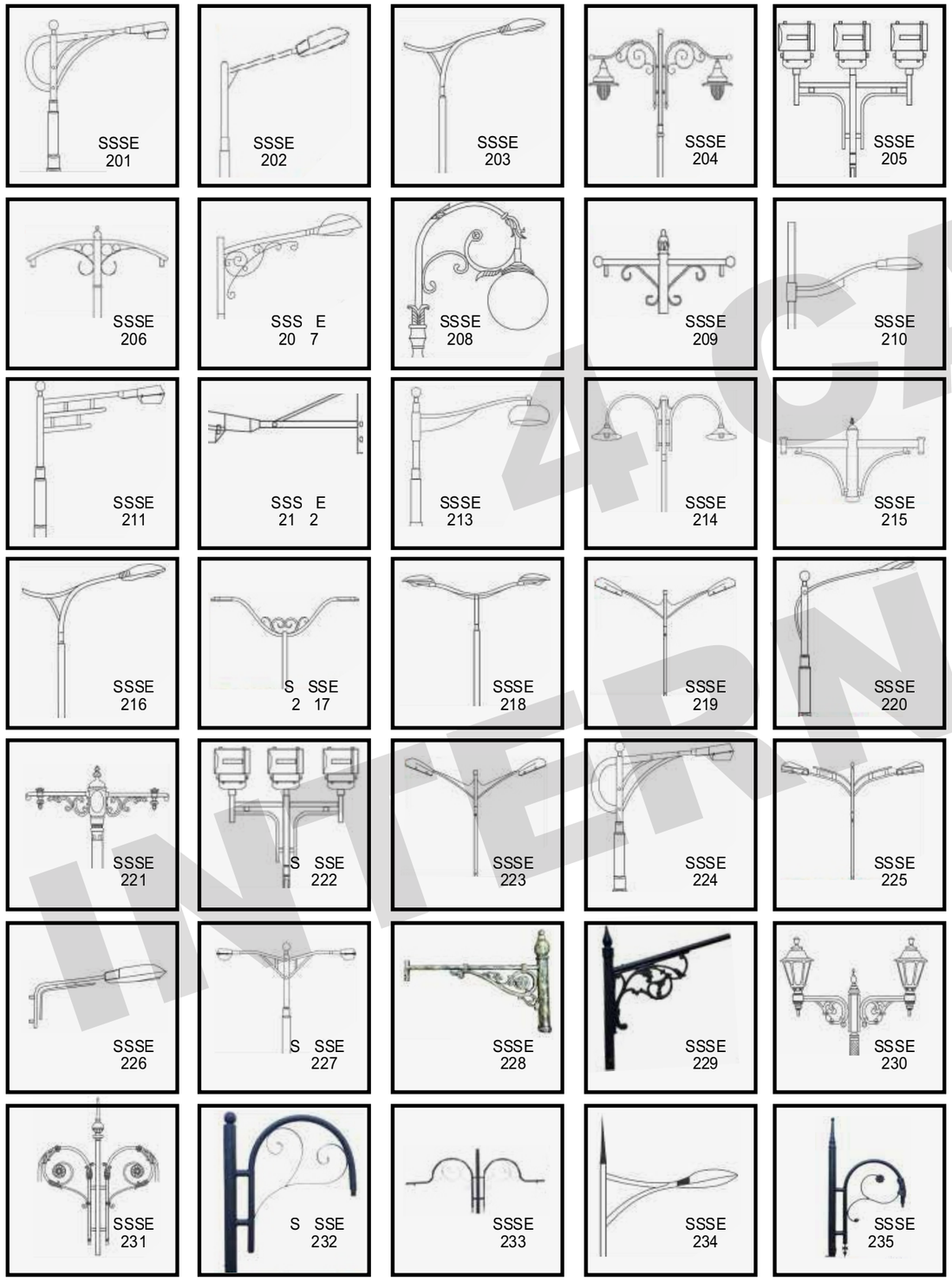
SSSE- 123
3-4 mtr.

SSSE- 124
3-4 mtr.

SSSE- 125
3 mtr.

4CAST INTERNATIONAL

Bracket Designs



Octagonal Poles

STANDARD SPECIFICATIONS

HEIGHT (Mtr.)	TOP (mm)	BOTTOM Dia. (mm)	SHEET (mm)	BASE PLATE (LxBxT)	BOLT SIZE (No. x Dia.) (mm)
5	70	130	3	200X200X12mm	4X16X450
6	70	130	3	210X210X12mm	4X16X600
7	70	130	3	220x220x12mm	4X16X600
8	70	130	3	220x220x12mm	4X16X600
9	70	130	3	220X220X12mm	4X16X600
9	70	155	3	250X250X12mm	4X20X700
10	70	155	3	260X260X16mm	4X24X750
11	70	155	3	275X275X16mm	4X24X750
12	70	155	3	275X275X16mm	4X24X750

4CAST INTERNATIONAL

Led Solar High Mast Light

HEIGHT (Mtr.)	TOP Dia. (mm)	BOTTOM (mm)
12	3	3

High Mast Pole

Product Details:

Pole Type	Round
Material	Mild Steel
Height	20000 mmm
Power	230 watt
Lighting Color	Warm White
Usage/Application	Outdoor

Solar Battery

MERPHY

60 MONTHS* WARRANTY

*36+24 Months Warranty. Product is only for the solar applications otherwise warranty will be void.

Available Models MGTT:
15000 (150Ah), 18000 (180Ah), 20000 (200Ah), 22000 (220Ah)
12V@C10

An ISO 9001 : 2015, ISO 14001 : 2015 & ISO 45001 : 2018 Certified Company

Specifications

Battery Name	Dimensions (±3mm)		
	Length	Width	Height
MGTT Solar 15000	508	190	412
MGTT Solar 18000	508	190	412
MGTT Solar 20000	508	190	412
MGTT Solar 22000	508	190	412

Salient Features

- Latest Deep Cycle Technology
- Low maintenance
- Long Battery Life
- High Back-up Charge Retainer
- Super TUFF 3D Grid
- Artificial Intelligent Charging
- World's Best Imported Lead Used
- Dual Sensor Thermal Protect

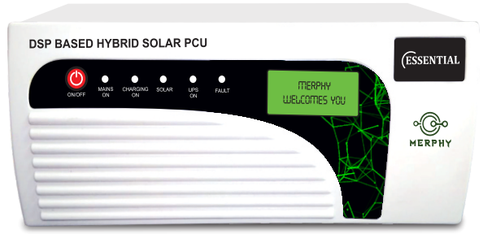
INTERNAL

Solar Panel

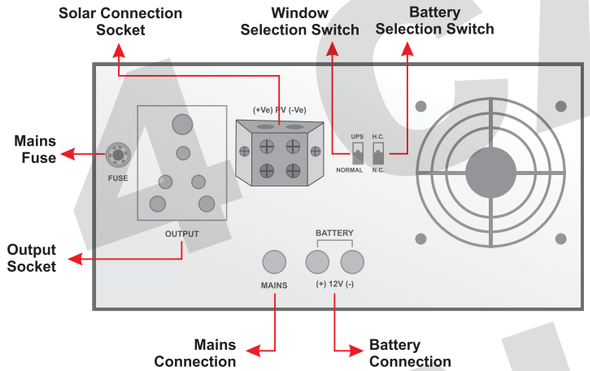
Merphy is an intelligent DSP based Hybrid Solar PCU that can simultaneously run the load and charge the battery. Merphy is designed to give priority to the Solar Power and uses Grid/DG Power only when the Solar Power/ Battery Charge is insufficient to meet the load requirements.

SOLAR PCU

Typical Application



MERPHY
ENERGY PVT LTD



Our Clients

R: 93005916 (BIS for LED Light)

Govt. of India MNRE APPROVED

R: 93013749 (BIS for Battery)

IP66

Skill India

RoHS compliant

एन एस आई सी NSIC National Small Scale Industries Corporation

ENVIRONMENTAL MANAGEMENT SYSTEM ISO 14001

LM-79

MAKE IN INDIA

UPPWD

TÜVRheinland CERTIFIED

हिमऊर्जा HIMURJA

LM-80 LED light source lumen maintenance test

GeM Government e Marketplace

CERTIFIED ISO 9001:2015 COMPANY

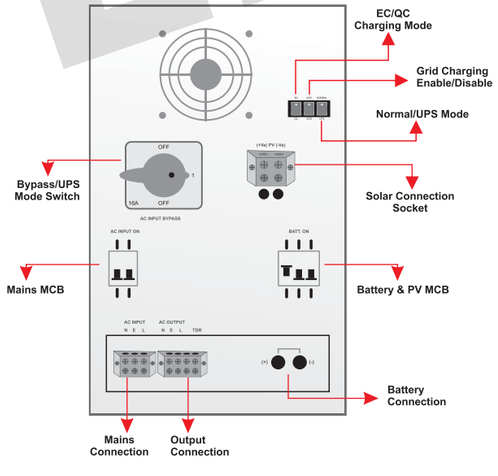
CARE Ratings Professional Risk Opinion

MSME

HPPWD

IGENOUS | SOLAR POWER CONDITIONING UNIT (PCU)

DSP BASED HYBRID SOLAR PCU



INTERNATIONAL AGAST

S.S. Solar Energy at A Glance

MOST TRUSTED MANUFACTURER AWARD, DEC. 2022
By : Film Actress Sonali Bendre

EXHIBITIONS PARTICIPATED 2018 & 2019

FILM ACTOR MUSTAQ KHAN

BUSINESS GLOBAL AWARD

INDIA SOLAR & E-VEHICLE EXPO 2022

FILM ACTRESS SHASHI SHARMA

TV ACTOR TILLU BHAI

S S SOLAR ENERGY AT A GLANCE

HIMURJA (HIMACHAL GOVT.) PROJECT

MAA BAGULAMUKHI MANDIR
MANREGA PARK HIMACHAL

BREDA (BIHAR GOVT.) PROJECT

DECORATE BY SS SOLAR ENERGY AT GANGA RIVER, KHATOLI (MZFR.)

325 KW SOLAR POWER PLANT AT NAGAR NIGAM, AGRA

POWER PLANT SHAMLI (U.P.)

INTERNATIONAL