

AYUSH LIGHTING ENERGY SYSTEM

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Semi Integrated Solar Street Light System



LED Wattage	12 W	12W	18W	20W	24W	30W	30W	40W	50W	60W	70W	80W	100W	120W
Solar Panel Wattage	30W	40W	40W	50W	60W	75W	100W	100W	120W	150W	200W	220W	250W	335W
Battery Capacity	12.8V/ 12Ah	12.8V/ 12Ah	12.8V/ 18Ah	12.8V/ 18Ah	12.8V/2 4Ah	12.8V/ 30Aah	12.8V/ 30Ah	12.8V/ 36Ah	12.8V/ 42Ah	12.8V/ 60Ah	12.8V/ 78Ah	12.8V/ 84Ah	12.8V/ 90Ah	12.8V/ 120Ah
Charge Controller Capacity	5Amp	5Amp	5Amp	10Amp	10Amp	10Amp	10Amp	10Amp	10Amp	15Amp	20Amp	20Amp	20Amp	20Amp
LED Lumens/Watt	130lm/ w	130lm/ w	130lm/ w	130lm/ w	130lm/ w	130lm/ w	130lm/ w	130lm/ w	130lm/ w	130lm/ w	130lm/ w	130lm/ w	130lm/ w	130lm/ w
Charging Time	7-8hrs	7-8hrs	7-8hrs	7-8hrs	7-8hrs	7-8hrs	7-8hrs	7-8hrs	7-8hrs	7-8hrs	7-8hrs	7-8hrs	7-8hrs	7-8hrs
Backup Time	2 Day		2 Day	2 Day	2 Day	2 Day	2 Day	2 Day	2 Day	2 Day	2 Day	2 Day	2 Day	2 Day
Light Mounting Height	5 to 6 Meter							7 to 9 Meter						

Solar Integrated Street Light (Aluminium Housing)



LED Wattage	9W	12 W	12W	15W	18W	20W	24W	30W	40W	60W	80W	100W
Solar Panel Wattage	20W	30W	40W	40W	45W	50W	60W	70W	80W	80W	100W	120W
Battery Capacity	12.8V/ 6Ah	12.8V/ 12Ah	12.8V/ 12Ah	12.8V/ 18Ah	12.8V/ 18Ah	12.8V/ 18Ah	12.8V/ 24Ah	12.8V/ 30Aah	12.8V/ 30Ah	12.8V/ 36Ah	12.8V/ 42Ah	12.8V/ 48Ah
Charge Controller Capacity	5Amp	5Amp	5Amp		5Amp	10Amp	10Amp	10Amp	10Amp	10Amp	10Amp	10Amp
LED Lumens/Watt	130lm/w	130lm/w	130lm/w		130lm/w	130lm/w	130lm/w	130lm/w	130lm/w	130lm/w	130lm/w	130lm/w
Charging Time	7-8hrs	7-8hrs	7-8hrs		7-8hrs	7-8hrs	7-8hrs	7-8hrs	7-8hrs	7-8hrs	7-8hrs	7-8hrs
Backup Time	1 Day	2 Day			2 Day	2 Day	2 Day	2 Day	2 Day	2 Day	2 Day	2 Days
Dimming System	Inbuilt with system											
Motion Sensor	Motion Sensor Inbuilt with all models											
IP67 Protection	All systems are IP67 protected											
MS Clamp, Nut Bolt & Accessories	Providing with all systems											
Light Mounting Height	5 to 6 Meter							6 to 8 Meter				

SOLAR INTEGRATED STREET LIGHT (WINDOW MODEL)



MODEL	5W 1 Window	10W 2 Window	15W 3 Window	20W 4 Window	25W 6 Window
LED Power	30W	60W	90W	120W	180W
Solar Panel Wattage	5V/4W	5V/7W	5V/9W	5V/13W	5V/18W
Battery Capacity	3.2V/5Ah LiPo4	3.2V/10Ah LiPo4	3.2V/15Ah LiPo4	3.2V/20Ah LiPo4	3.2V/25Ah LiPo4
Charging Time	7-8hrs	7-8hrs	7-8hrs		7-8hrs
Backup Time	1 Night	2 Nights	2 Nights	2 Nights	2 Nights
Sensor	Optically 10% brightness at the first beginning, Radar sensor 100% brightness, 15% brightness if no movement for 30 sec, Keep on 15% brightness if no movement				
IP67 Protection	All systems are IP67 protected				
MS Clamp, Nut Bolt & Accessories	Providing with all systems				
Light Mounting Height	5 to 6 Meter				6 to 7 Meter

Solar LED High Mast Light



LED Wattage	100W	150W	200W	240W	300W	400W
LED Luminary	4no 25W	4no. 40W	4no 50W	4no 60W	4no 75W	4no 100W
Solar Panel Wattage	4no. 50W	4no. 75W	4no. 100W	4no 120W	4no 150W	4no 200W
Battery Capacity	4no. 12.8V/18Ah	4no. 12.8V/ 30Ah	4no 12.8V/ 36Ah	4no 12.8V/ 42Ah	4no 12.8V/ 60Ah	4no 12.8V/ 78Ah
Battery Life Cycle	2000 Life Cycle for all model					
Charge Controller Capacity	4no. 8Amp Microcontroller based driver	4no. 8Amp Microcontroller based driver	4no. 10Amp Microcontroller based driver	4no. 10Amp Microcontroller based driver	4no. 10Amp MPPT	4no. 20Amp MPPT
LED Driver Efficacy	98% Efficacy in All Driver					
Charge Controller Function	1)Auto On/Off (2)Battery low cut off and dod at that point (3) Battery over charging protection (4) Working temperature(-10 degree centigrade to +55 degree centigrade) (5) Light coverage 120 degree.					
Protection	Open circuit, Reverse Protection, Low Battery Protection, Over Charging Protection, Deep Discharge Protection, Reverse Polarity, Reverse Flow protection, Over Load Protection.					
LED Lumens/Watt	130lm/w	130lm/w	130lm/w	130lm/w	130lm/w	130lm/w
Charging Time	7-8hrs	7-8hrs	7-8hrs	7-8hrs	7-8hrs	7-8hrs
Backup Time	2 Day	2 Day	2 Day	2 Day	2 Day	2 Day
Pole	6 Meter GI Pole(86mm OD)	6 Meter GI Pole(114mm OD)	7 Meter Octagonal Pole (70mm upper dia 130mm Bottom dia)	7 Meter Octagonal Pole (70mm upper dia 130mm Bottom dia)	8 Meter Octagonal Pole (70mm upper dia 130mm Bottom dia)	9 Meter Octagonal Pole (70mm upper dia 130mm Bottom dia)
Baseplate	200mm X 200mm X 8mm Thickness	200mm X 200mm X 12mm Thickness	200mm X 200mm X 12mm Thickness	200mm X 200mm X 12mm Thickness	200mm X 200mm X 12mm Thickness	200mm X 200mm X 12mm Thickness
Dimming System	Inbuilt with system					
IP67 Protection	All systems are IP67 protected					
Panel Structure, Foundation Bolt Light Arm, Nut Bolt etc.	Providing with all systems					

SEMI INTEGRATED SOLAR STREET LIGHT WITH CCTV CAMERA



LED Wattage	15W	24W	30W	40W	50W	50W	60W	80W	100W
Solar Panel Wattage	50W	60W	75W	100W	100W	120W	150W	200W	330W
Battery Capacity	12.8V/ 18Ah	12.8V/24Ah	12.8V/ 30Aah	12.8V/ 36Ah	12.8V/ 42Ah	12.8V/48Ah	12.8V/60Ah	12.8V/78Ah	12.8V/100Ah
Charge Controller Capacity	10Amp Microcontroller Based Driver	10Amp Microcontroller Based Driver	10Amp Microcontroller Based Driver	10Amp Microcontroller Based Driver	10Amp Microcontroller Based Driver	10Amp Microcontroller Based Driver	10Amp Microcontroller Based Driver	20Amp Microcontroller Based Driver	20Amp Microcontroller Based Driver
LED Lumens/Watt	130lm/w	130lm/w	130lm/w	130lm/w	130lm/w	130lm/w	130lm/w	130lm/w	130lm/w
Charging Time	7-8hrs	7-8hrs	7-8hrs	7-8hrs	7-8hrs	7-8hrs	7-8hrs	7-8hrs	7-8hrs
Backup Time	2 Day	2 Day	2 Day	2 Day	2 Day	2 Days	2 Days	2 Days	2 Days
Protection	All Protection Available								
Dimming System	Inbuilt with system								
CCTV Camera	4G CCTV 2Mega Pixel Camera, Video Recording Facility, 7 to 30 Days recording facility, Wifi and 4G Sim supported facility, mobile application facility, we can access camera any time and anywhere in world, motion sensor facility available in camera.								
IP67 Protection	All systems are IP67 protected								
MS Clamp, Nut Bolt & Accessories	Providing with all systems								
Light Mounting Height	5 to 6 Meter				6 to 9 Meter				

SOLAR INTEGRATED STREET LIGHT WITH CCTV CAMERA



LED Wattage	15W	24W	30W	40W
Solar Panel Wattage	50W	60W	75W	100W
Battery Capacity	12.8V/ 18Ah	12.8V/24Ah	12.8V/ 30Aah	12.8V/ 36Ah
Charge Controller Capacity	10Amp	10Amp	10Amp	10Amp
LED Lumens/Watt	130lm/w	130lm/w	130lm/w	130lm/w
Charging Time	7-8hrs	7-8hrs	7-8hrs	7-8hrs
Backup Time	2 Day	2 Day	2 Day	2 Day
Dimming System	Inbuilt with system			
Motion Sensor	Motion Sensor Inbuilt with all models			
Protection	All Protection Available			
CCTV Camera	4G CCTV 2Mega Pixel Camera, Video Recording Facility,7 to 30 Days recording facility, Wifi and 4G Sim supported facility, mobile application facility, we can access camera any time and anywhere in world, motion sensor facility available in camera.			
IP67 Protection	All systems are IP67 protected			
MS Clamp, Nut Bolt & Accessories	Providing with all systems			
Light Mounting Height	5 to 6 Meter		6 to 9 Meter	

LED STREET LIGHT



LED Wattage	25 Watt	30 Watt	40 Watt	50 Watt	60 Watt	70 Watt	90 Watt	100 Watt	120 Watt	150 Watt	200 Watt
Input Power	25(+_10%)	30(+_10%)	40(+_10%)	50(+_10%)	60(+_10%)	70(+_10%)	90(+_10%)	100(+_10%)	120(+_10%)	150(+_10%)	200(+_10%)
Input Voltage	90-265VAC										
Power Factor	>0.98										
Over All Efficiency	95%										
Lumen Efficacy	110-135lm/w										
Dispersion Angel	110-120 Degree										
Light Housing	Aluminum Die Casting										
Frequency Range	50-60%										
Power Efficiency	95%										
Life Spam	50000hrs										
Color Temperature	2200-6500K										
Working Temperature	-20*-50°C										
Working Humidity	10%-90%RH										
CRI	>70										
Electronic Efficiency	>90%										
Protection Provided	Surge & Over current protection										
IP Rating	IP65										



LED FLOOD LIGHT

LED Wattage	25W	30W	40W	50W	60W	70W	90W	100W	120W	150W	200W	250W	300W
Input Voltage	90-265VAC												
Power Factor	>0.98												
Over All Efficiency	95%												
Lumen Efficacy	110-135lm/w												
Dispersion Angel	110-120 Degree												
Light Housing	Aluminium Die Casting												
Frequency Range	50-60%												
Power Efficiency	95%												
Life Spam	50000hrs												
Color Temperature	2200-6500K												
Working Temperature	-20*-50°C												
Working Humidity	10%-90%RH												
CRI	>70												
Electronic Efficiency	>90%												
Protection Provided	Surge & Over current protection												
IP Rating	IP65												

BANK ACCOUNT DETAIL

Account Name: Ayush Lighting Energy System

Bank Name: SBI Bank

Account No : 41640277729

IFSC Code : SBIN0011859

Branch : Sector 19 Noida

Yours sincerely ,
SUNITA CHANDEL

*** I read all terms & conditions.**

FOR AYUSH LIGHTING PRIVATE LIMITED
Ayush lighting pvt. Ltd.
Sunita
AUTHORISED SIGNATORY Auth sign

