

# Smart Solar Street Light (3SL)

## GENERAL SPECIFICATION

1. Model Compact: Modul Panel Surya, Lampu Led, Battery, Controller dan Light Sensor.
2. Modul Surya memiliki bracket yang dapat di putar 360o sesuai dengan posisi matahari.
3. Battery Lithium: Menggunakan generasi terbaru dari battery lithium LiFePO4 dengan lifetime 5x lebih lama.
4. Light Sensor: Menyesuaikan lampu secara otomatis, menyala di saat gelap dan padam saat matahari bersinar.
5. Cocok digunakan untuk penerangan jalan di perumahan, pedesaan terpencil, jalan umum, dll.
6. Mudah untuk di pasang dan di rawat



| Material                                       | Yes                                                  | Yes                 | Yes                 | Yes                 | Yes                  | Yes                  | Yes                  |
|------------------------------------------------|------------------------------------------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|
| High quality Aluminum Alloy Die Cast Aluminium |                                                      |                     |                     |                     |                      |                      |                      |
| Solar Module                                   | 100W DC12V                                           | 40W DC12V           | 70W DC12V           | 80W DC12V           | 100W DC12V           | 120W DC12V           | 150W DC12V           |
| LED Light Bridgelamp                           | 100W DC12V 20pcs LED                                 | 40W DC12V 20pcs LED | 70W DC12V 40pcs LED | 80W DC12V 40pcs LED | 100W DC12V 40pcs LED | 120W DC12V 40pcs LED | 150W DC12V 40pcs LED |
| Battery LiFePO4                                | 100WH/12V/12.8V                                      | 200WH/12V/12.8V     | 300WH/12V/12.8V     | 400WH/12V/12.8V     | 600WH/12V/12.8V      | 800WH/12V/12.8V      | 1000WH/12V/12.8V     |
| Luminous Flux                                  | 2400-2700 lm                                         | 3200-3400 lm        | 4800-5400 lm        | 5400-7200 lm        | 8000-9000 lm         | 10000-10800 lm       | 12000-14400 lm       |
| Work Time                                      | Continuously 6-8 rainy days, 12hours per night       |                     |                     |                     |                      |                      |                      |
| Control Mode                                   | Light Timing, Microwave / Timing & Microwave Control |                     |                     |                     |                      |                      |                      |
| Proportional Mounting Height                   | 3.0m                                                 | 4.5m                | 5.0m                | 6.7m                | 7.0m                 | 7.0m                 | 8.0m                 |
| Proportional Installation Distance             | 10-15m                                               | 13-16m              | 14-18m              | 19-22m              | 23-27m               | 27-31m               | 31-35m               |
| Weight                                         | 21kg                                                 | 23kg                | 25kg                | 28kg                | 30kg                 | 33kg                 | 37kg                 |



| Material                                       | Yes                                                  | Yes                 | Yes                 | Yes                 | Yes                  | Yes                  | Yes                  |
|------------------------------------------------|------------------------------------------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|
| High quality Aluminum Alloy Die Cast Aluminium |                                                      |                     |                     |                     |                      |                      |                      |
| Solar Module                                   | 100W DC12V                                           | 40W DC12V           | 70W DC12V           | 80W DC12V           | 100W DC12V           | 120W DC12V           | 150W DC12V           |
| LED Light Bridgelamp                           | 100W DC12V 20pcs LED                                 | 40W DC12V 20pcs LED | 70W DC12V 40pcs LED | 80W DC12V 40pcs LED | 100W DC12V 40pcs LED | 120W DC12V 40pcs LED | 150W DC12V 40pcs LED |
| Battery LiFePO4                                | 100WH/12V/12.8V                                      | 200WH/12V/12.8V     | 300WH/12V/12.8V     | 400WH/12V/12.8V     | 600WH/12V/12.8V      | 800WH/12V/12.8V      | 1000WH/12V/12.8V     |
| Luminous Flux                                  | 2400-2700 lm                                         | 3200-3400 lm        | 4800-5400 lm        | 5400-7200 lm        | 8000-9000 lm         | 10000-10800 lm       | 12000-14400 lm       |
| Work Time                                      | Continuously 6-8 rainy days, 12hours per night       |                     |                     |                     |                      |                      |                      |
| Control Mode                                   | Light Timing, Microwave / Timing & Microwave Control |                     |                     |                     |                      |                      |                      |
| Proportional Mounting Height                   | 3.0m                                                 | 4.5m                | 5.0m                | 6.7m                | 7.0m                 | 7.0m                 | 8.0m                 |
| Proportional Installation Distance             | 10-15m                                               | 13-16m              | 14-18m              | 19-22m              | 23-27m               | 27-31m               | 31-35m               |
| Weight                                         | 21 kg                                                | 23 kg               | 25 kg               | 28 kg               | 30 kg                | 33 kg                | 37 kg                |



| Material          | Aluminium Alloy  | Aluminium Alloy  | Aluminium Alloy  | Aluminium Alloy  | Aluminium Alloy  | Aluminium Alloy  | Aluminium Alloy  |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Model Series      | 10W/20W/25 years | 10W/20W/25 years | 10W/20W/25 years | 10W/20W/25 years | 10W/20W/25 years | 10W/20W/25 years | 10W/20W/25 years |
| Battery           | 20W, LiFePO4     | 12W, LiFePO4     | 25W, LiFePO4     | 21W, LiFePO4     | 30W, LiFePO4     | 42W, LiFePO4     | 54W, LiFePO4     |
| LED Lamp          | 10W, 1400lm      | 12W, 1600lm      | 25W, 3400lm      | 21W, 3000lm      | 30W, 4600lm      | 42W, 7200lm      | 54W, 9000lm      |
| Charge Time       | 6hours           | 6hours           | 6hours           | 6hours           | 6hours           | 6hours           | 6hours           |
| Working Time      | 3-5 days         | 3-5 days         | 3-5 days         | 3-5 days         | 3-5 days         | 3-5 days         | 3-5 days         |
| Working Temp      | -30°C~+60°C      | -30°C~+60°C      | -30°C~+60°C      | -30°C~+60°C      | -30°C~+60°C      | -30°C~+60°C      | -30°C~+60°C      |
| Mounting Height   | 3m~4m            | 4m~5m            | 5m~6m            | 5m~7m            | 7m~8m            | 7m~9m            | 8m~10m           |
| Mounting Distance | 8m~12m           | 10m~15m          | 12m~20m          | 15m~20m          | 18m~25m          | 22m~28m          | 25m~32m          |
| Warranty          | 3 years          | 3 years          | 3 years          | 3 years          | 3 years          | 3 years          | 3 years          |
| Weight            | 5kg              | 7kg              | 8kg              | 10kg             | 12.5kg           | 18kg             | 25kg             |