

# PJU TENAGA SURYA JALAN UTAMA

Solusi Penerangan untuk Jalan Nasional, Kabupaten dan Kawasan Publik

|                                                                                                                                                                                                                                                       |                                                             |                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
|    |                                                             |                                                                                                             |
| <b>80W All In One LED Solar Street Light</b>                                                                                                                                                                                                          |                                                             | <b>Model NO.:DL-ISSL1-80W</b>                                                                               |
| Solar Panel                                                                                                                                                                                                                                           | Power                                                       | 18V 110W high efficiency monocrystalline silicon                                                            |
|                                                                                                                                                                                                                                                       | Lifetime                                                    | 25 years                                                                                                    |
| Battery                                                                                                                                                                                                                                               | Type&Capacity                                               | High efficiency 12.8V 42AH LiFePO4/11.1V 42AH Ternary Lithium battery, 5-8 years lifespan, 3 years warranty |
|                                                                                                                                                                                                                                                       | Power                                                       | 80W                                                                                                         |
| LED Lamp (with motion sensor)                                                                                                                                                                                                                         | LED chips                                                   | Bridgelux from USA with high brightness                                                                     |
|                                                                                                                                                                                                                                                       | Lumen                                                       | 8000-9600lm                                                                                                 |
|                                                                                                                                                                                                                                                       | Lifetime                                                    | ≥50,000 hours                                                                                               |
|                                                                                                                                                                                                                                                       | Viewing Angle                                               | 60°*120°                                                                                                    |
| Charge Time                                                                                                                                                                                                                                           | By sun                                                      | 6 hours in strong sunshine                                                                                  |
| Working Time                                                                                                                                                                                                                                          | Saving mode                                                 | 3-5 continuous rainy and cloudy days                                                                        |
| Working Temperature                                                                                                                                                                                                                                   | Range( °C )                                                 | -30 °C~60 °C                                                                                                |
| Colour Temperature                                                                                                                                                                                                                                    | Range(K)                                                    | 6000-6500K(standard), 2800-3300K, 4000-4500K                                                                |
| Mounting range (m)                                                                                                                                                                                                                                    | height/distance                                             | height of pole: 7-9m; distance between 2 lights: 20-25m                                                     |
| Main Material                                                                                                                                                                                                                                         | Aluminum Alloy                                              |                                                                                                             |
| Certificate                                                                                                                                                                                                                                           | CE(EMC&LVD) & RoHS & IP65, other certificates are available |                                                                                                             |
| Packing & Weight                                                                                                                                                                                                                                      | Net Weight: 2.1KG;                                          | Gross Weight: 2.2KG                                                                                         |
|                                                                                                                                                                                                                                                       | Lamp Size: 136*42*14(cm); Carton Size: 141*48*22(cm)        |                                                                                                             |

**PJU Tenaga Surya** adalah sistem penerangan jalan mandiri yang memanfaatkan energi matahari sebagai sumber listrik. Seri ini dirancang untuk kebutuhan penerangan jalan nasional, jalan kabupaten, boulevard, dan koridor utama dengan tinggi tiang 9–11 meter untuk menghasilkan cakupan pencahayaan yang lebih luas dan merata.

## AREA APLIKASI

- Tinggi Tiang 9-11 meter
- Jalan Nasional
- Jalan Kabupaten
- Jalan Utama

|                                                                                                                                                                                                                                                                                                                                                 |                                                                         |                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------|
|     |                                                                         |                                                   |
| <b>80W Pigeon Solar LED Street Light</b>                                                                                                                                                                                                                                                                                                        |                                                                         | <b>Model:DL-PSSL-80W</b>                          |
| Solar Panel                                                                                                                                                                                                                                                                                                                                     | Power                                                                   | 140W high efficiency monocrystalline silicon      |
|                                                                                                                                                                                                                                                                                                                                                 | Lifetime                                                                | 25 years                                          |
| Battery                                                                                                                                                                                                                                                                                                                                         | Type                                                                    | 48AH Moticell powerful LiFePO4 battery            |
|                                                                                                                                                                                                                                                                                                                                                 | Lifetime                                                                | 5 years                                           |
| LED Lamp                                                                                                                                                                                                                                                                                                                                        | Power                                                                   | 80W(motion sensor, standard)/time control(custom) |
|                                                                                                                                                                                                                                                                                                                                                 | LED chips                                                               | original Bridgelux made in USA                    |
|                                                                                                                                                                                                                                                                                                                                                 | Lumen                                                                   | 11200-12800lm                                     |
|                                                                                                                                                                                                                                                                                                                                                 | Lifetime                                                                | ≥ 50,000 hours                                    |
| Charge Time                                                                                                                                                                                                                                                                                                                                     | By sun                                                                  | 6 hours in strong sunshine                        |
|                                                                                                                                                                                                                                                                                                                                                 | Saving power mode                                                       | 4-5 continuous rainy and cloudy days              |
| Working Temperature                                                                                                                                                                                                                                                                                                                             | Range( °C )                                                             | -30 °C~60 °C                                      |
| Colour Temperature                                                                                                                                                                                                                                                                                                                              | Range(K)                                                                | 6000-6500K(standard), 2800-3300K, 4000-4500K, etc |
| Mounting Height                                                                                                                                                                                                                                                                                                                                 | range (m)                                                               | 6-9m                                              |
| Mounting Distance                                                                                                                                                                                                                                                                                                                               | range (m)                                                               | 25-30m                                            |
| Main Material                                                                                                                                                                                                                                                                                                                                   | Aluminium Alloy                                                         |                                                   |
| Certificate                                                                                                                                                                                                                                                                                                                                     | CE(EMC&LVD) & RoHS & IP65, other certificates are available if you need |                                                   |
| Warranty                                                                                                                                                                                                                                                                                                                                        | 3 years                                                                 |                                                   |
| Packing & Weight                                                                                                                                                                                                                                                                                                                                | Net Weight:                                                             | 29KG                                              |
|                                                                                                                                                                                                                                                                                                                                                 | Gross Weight:                                                           | 30KG                                              |
|                                                                                                                                                                                                                                                                                                                                                 | Size of solar panel:                                                    | 118*71*5(cm)                                      |
|                                                                                                                                                                                                                                                                                                                                                 | Carton Size of light:                                                   | 80*47*49(cm)                                      |

