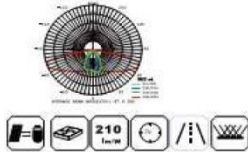


Parameter Teknis



IAF CE FC RoHS IP65

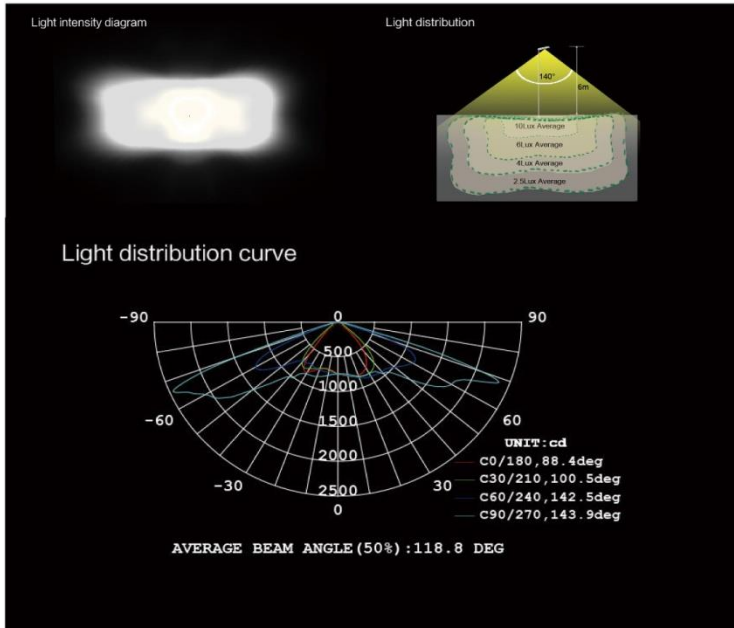
Spectrum Chart

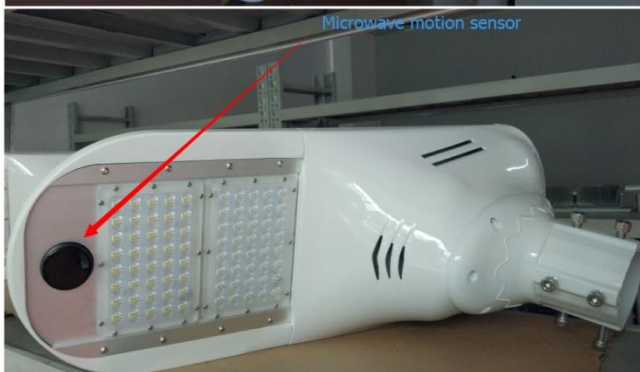


| Model | IL-SS-4010 | |
|--|---|---|
| Parameter Modul Surya | Tipe | Silikon Monokristalin efisiensi tinggi |
| | Daya | 100W/DC18V |
| | Lama Pemakaian | 20-25 tahun |
| | Sudut yang Bisa Disesuaikan | 360° arah horizontal, 270° arah vertikal |
| Parameter Kontroler Charger Tenaga Surya | Tipe | kontroller charger tenaga surya PWM |
| Parameter Baterai Lithium-ion | Tipe | LiFePO4 (lithium-ion ferrous phosphate) |
| | Kapasitas | 422,4WH / DC12,8V 33AH |
| | Lama Pemakaian | 5-8 tahun |
| Parameter Lampu LED | Daya Sumber Cahaya | 40W DC36V 80pcs ledchip (Bridgelux) |
| | Total Fluks Bercahaya Terukur Lampu | 5.800lm |
| | Efikasi Terang | 145lm/w |
| | Sudut Pandang | 120°*60 |
| | Iluminasi | 46Lux |
| | LED | 17x34mil, 9 inti / LED,W/LED/DC9V |
| | Suhu Warna Terkorelasi | 6.000-6.500K |
| | Indeks Rendering Warna | ≥75 |
| | Voltase Kontrol Lampu | DC5V |
| | Sudut yang Bisa Disesuaikan | 360° arah horizontal, 60° arah vertikal |
| | Lama Pemakaian | ≥50.000 jam |
| Distribusi Cahaya | Batwing | |
| Detektor (Sensor Gerakan) | Tipe Sensor | Deteksi Gelombang Mikro (oleh Radar) |
| | Jarak Deteksi | ≤25m |
| | Waktu Tunda | 10 detik (opsional) |
| Waktu Pengisian dengan Cahaya Matahari | | 5-7 jam |
| Waktu Pencahayaan | Daya Penuh | <12 jam |
| | Hemat Daya | 4-5 hari hujan berturut-turut, 12 jam per malam |
| Mode Kontrol | 1. Kontrol lampu 2. Kontrol waktu 3. Kontrol gelombang mikro 4. Kontrol waktu + | |

FLY HAWK SERIES

| | | |
|--------------------|--|----------------|
| | gelombang mikro | |
| Suhu Kerja | Suhu Pengisian | -25°C - +65°C |
| | Rentang Suhu Discharge | -20°C-60°C |
| | Suhu Penyimpanan | -20°C-45°C |
| Saran Pemasangan | Rentang Tinggi Pemasangan | 6-7m |
| | Rentang Jarak Pemasangan | 19-23m |
| | Diameter Atas | 70-76mm |
| Materi Utama Lampu | Aluminium diecast kualitas tinggi | |
| Penerapan Lanjutan | Wireless remote controller | |
| | Sistem Manajemen Terintegrasi GPRS (Remote control dan pemantauan) | |
| Ukuran produk | badan lampu | 700*540*290mm |
| | panel surya | 785*695*50mm |
| Ukuran karton | badan lampu | 755*440*325mm |
| | panel surya | 1530*850*100mm |
| Berat bersih | badan lampu | 15,5 kg |
| | panel surya | 13,5 kg |
| Berat kotor | badan lampu | 17,25 kg |
| | panel surya | 15,5 kg |







BATERAI Lithium Lifepo4

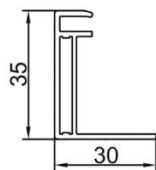
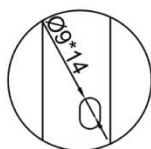
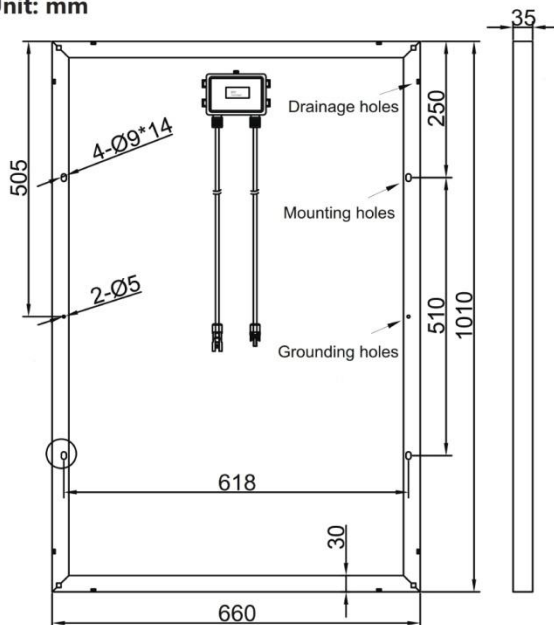
| | |
|-----------------------------------|-----------------------------|
| TYPE | Lithium LifePO4 |
| Nominal Voltage | 12.8 V |
| Nominal Capacity | 422,4WH / 33AH |
| Over-Charge Protection Voltage | 3.65+0.025V/Cell (Optional) |
| Over-Discharge Protection Voltage | 2.0+0.1V/Cell (Optional) |
| Cycle Life | 2.000 times with 80% DoD |
| Charge Mode | CC/CV |
| Charge Temperature | 0~45°C, 45~85%RH |
| Discharge Temperature | -20~55°C, 45~85%RH |



GENERAL CHARACTERISTICS

| | |
|------------------------|-------------------|
| Dimensions (L / W / H) | 1010mm/660mm/35mm |
| Weight | 7.4kg |

Unit: mm



SECTION

Solar Charge Controller with built-in LED Driver

| | | | | | |
|-----------------------------------|---|--------------------|---------------------|---------------------|----------------------|
| Model | SDN-40W-EX-MV | SDN-60W-E X-MV | SDN-100W-EX-MV | SDN-150W-EX-MV | SDN-200W-EX-MV |
| | SDN-40W-EX-IR | SDN-60W-E X-IR | SDN-100W-EX-IR | SDN-150W-EX-IR | SDN-200W-EX-IR |
| System voltage | 12V/24V auto | | | | |
| Output power | 40W/12V 60W/24V | 60W/12V 60W/24V | 50W/12V 100W/24V | 75W/12V 150W/24V | 100W/12V 200W/24V |
| Discharge Method | Boosting Constant Current | | | | |
| Output voltage | 17~55V/12V;29~55V/24V | | | | |
| Output waveform | ≤600mV | | | | |
| Max input current | 10A | 15A | 15A | 20A | 20A |
| Max output current | 2.0A | 3.3A | 3.3A | 6.6A | 6.6A |
| Output Constant current precision | <3% (typical) , above 80% rated power<1% | | | | |
| Typical efficiency | 92~96% | | | | |
| Work temperature | -35~55℃ (-40~90℃ customized) | | | | |
| No load current | ≤5~15mA | | | | |
| Temperature compensation | -5mw/℃/2V (charge voltage,over discharge voltage compensation) | | | | |
| Control mode | PWM+smart High Frequency Modulation software | | | | |
| IP | 68 | | | | |
| Appearance size | 88*53*21mm | 88*83*21mm | 110*100*25mm | | |
| Install Hole Size | Φ3.5 | | | | |
| Weight | 0.18 kg | 0.26kg | 0.5kg | | |

