



SOLAR SOLENTURK

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Flying Crane Series

Integrated Solar Street Light

Model	Product Pictures FC Series all in one	Description Main Parameters
STR FC-10		<ol style="list-style-type: none">1. Materials: High quality Aluminum Alloy, Die-cast Aluminum2. Solar panel: 40W 18V3. LED light:4. CCT (Correlated Color Temperature): 2400-6000K (optional)5. LiFePO4 battery: 10AH 12.8V6. Luminous flux: 2000lm7. Work time: Dusk to dawn 3-5 back up rainy days8. Control modes: Microwave9. Housing color: Black (default), Gray, White, Brown (optional)10. Installation pole height & distance: 3-5m11. Certificates: CE, IP66
STR FC-20		<ol style="list-style-type: none">1. Materials: High quality Aluminum Alloy, Die-cast Aluminum2. Solar panel: 50W 18V3. LED light:4. CCT (Correlated Color Temperature): 2400-6000K (optional)5. LiFePO4 battery: 12AH 12.8V6. Luminous flux: 4000lm7. Work time: Dusk to dawn 3-5 back up rainy days8. Control modes: Microwave9. Housing color: Black (default), Gray, White, Brown (optional)10. Installation pole height & distance: 5-6m11. Certificates: CE, IP66
STR FC-30		<ol style="list-style-type: none">1. Materials: High quality Aluminum Alloy, Die-cast Aluminum2. Solar panel: 60W 18V3. LED light:4. CCT (Correlated Color Temperature): 2400-6000K (optional)5. LiFePO4 battery: 18AH 12.8V6. Luminous flux: 6000lm7. Work time: Dusk to dawn 3-5 back up rainy days8. Control modes: Microwave9. Housing color: Black (default), Gray, White, Brown (optional)10. Installation pole height & distance: 6-8m11. Certificates: CE, IP66

**STR
FC-40**



1. **Materials:** High quality Aluminum Alloy, Die-cast Aluminum
2. **Solar panel:** 80W 18V
3. **LED light:**
4. **CCT (Correlated Color Temperature):** 2400-6000K (optional)
5. **LiFePO4 battery:** 24AH 12.8V
6. **Luminous flux:** 8000lm
7. **Work time:** Dusk to dawn 3-5 back up rainy days
8. **Control modes:** Microwave
9. **Housing color:** Black (default), Gray, White, Brown (optional)
10. **Installation pole height & distance:** 7-9m
11. **Certificates:** CE, IP66

**STR
FC-50**



1. **Materials:** High quality Aluminum Alloy, Die-cast Aluminum
2. **Solar panel:** 100W 18V
3. **LED light:**
4. **CCT (Correlated Color Temperature):** 2400-6000K (optional)
5. **LiFePO4 battery:** 30AH 12.8V
6. **Luminous flux:** 9000lm
7. **Work time:** Dusk to dawn 3-5 back up rainy days
8. **Control modes:** Microwave
9. **Housing color:** Black (default), Gray, White, Brown (optional)
10. **Installation pole height & distance:** 8-9m
11. **Certificates:** CE, IP66

**STR
FC-60**



1. **Materials:** High quality Aluminum Alloy, Die-cast Aluminum
2. **Solar panel:** 120W 18V
3. **LED light:**
4. **CCT (Correlated Color Temperature):** 2400-6000K (optional)
5. **LiFePO4 battery:** 36AH 12.8V
6. **Luminous flux:** 10800lm
7. **Work time:** Dusk to dawn 3-5 back up rainy days
8. **Control modes:** Microwave
9. **Housing color:** Black (default), Gray, White, Brown (optional)
10. **Installation pole height & distance:** 9-10m
11. **Certificates:** CE, IP66

STRUCTURAL DESIGN AND SELECTED MATERIALS

36pcs 5050 LED chip

LED Luminous efficiency reaches up to 190-200lm/w

Patented polarized design bat wing lens + Glass cover type 2 3 4 light distribution

Patented technology intelligent controller + Microwave sensor 95-98% efficiency

65mm inner size
φ60 standard installation pipe diameter

Bifacial mono solar panel
21% high efficiency

A Grade New LiFePO4 Lithium battery
Over 2000times lifespan,
high temperature resistance up to 65°

All Die-casting aluminum lamp housing
Anti-corrosion, Excellent
heat dissipation

90-degree Adjustable sleeve
easy to switch horizontal & vertical direction



Working Mode & Lighting Management

FC Series offers a handheld remote to switch 5 different lighting programs below



- ON** ON: Turn on the light
- OFF** OFF: Turn off the light
- M1** Max Bright: 100% 6hrs + 50% 8 hrs
- M2** Time Control: 50% power 1hr + 100% power 4hrs + 50% 3hrs + 20% 6hrs
- M3** Time & Sensor Control: 70% power 2hrs 100% power 2hrs 150% power 2hrs for first 6hrs, the next 6-8hrs, sensor start working, object move closer 🌿 50% power, object move away 🌿 20% power
- M4** Sensor Control-A: From dusk to dawn, object move closer 🌿 100% power, object move away 🌿 30% Power
- M5** Sensor Control-B: From dusk to dawn, stay off all night, object move closer 🌿 activate at 100% power
- 20%** -20%: Power decrease 20% based on original working mode
- +20%** +20%: Power increase 20% based on original working mode

REMARKS & WARRANTY

1. Price Term: EXW Shenzhen, China
2. Payment Term: Trial order (less than 10pcs) T/T 100%, normal order T/T, 40% deposit before production, balance 60% paid before shipment.
3. The price validity is within 15 days.
4. Production Time: Around 25 working days after deposit transferred into the bank account.
5. This price does not include freight, insurance, poles, installation fee and taxes.

1. This warranty does not cover damage or malfunction due to abuse, misuse, incorrect installation, or accidents resulting from the BUYER.
2. The warranty for the battery will be void if not installed within 6 months after delivery.
3. 3 years for the whole light. 5 years warranty also available.