



# SOLAR SOLENTURK

EKIP Ins. Ener. Dis. Tic. San. Ltd. Sti

Fevzi Cakmak Mah., Medcezir Cad., Konya Ticaret Merkezi, No:  
8 / B-13, Karatay, Konya, TÜRKİYE  
+90 - 332 - 320 - 5566



[info@solenturk.com](mailto:info@solenturk.com)  
[www.solenturk.com](http://www.solenturk.com)



**STR X1 Series All-In-Two**

## Solar Street Light

Model	Max. Led Power	Product Pictures X1 Series	Description Main Parameters
STR X1-10	10 Watt		<ol style="list-style-type: none"> <li>1. Lumen: 1800LM 180lm/w</li> <li>2. Led Chip &amp; Qty: Bridgelux 3030 &amp; 120pcs</li> <li>3. CCT: 3000-6500k (default 5000k)</li> <li>4. Solar panel capacity: 50W / 6V</li> <li>5. Battery: LiFePO4 Lithium 128WH / 40AH 3.2V</li> <li>6. Charging time: 5-6 hours under direct sunshine</li> <li>7. Working time: 12 hours per night, 2-3 rainy days</li> <li>8. Working mode: light control+time control with diming</li> <li>9. Sensor: default no, can be added</li> <li>10. Bracket: With solar panel bracket &amp; support</li> <li>11. Installation height: 4-5m</li> <li>12. Installation distance: 10-15m</li> <li>13. size: light: 525*220*100mm solar panel: 580*515*25mm (182 solar cell)</li> </ol>
STR X1-20	20 Watt		<ol style="list-style-type: none"> <li>1. Lumen: 3600LM 180lm/w</li> <li>2. Led Chip &amp; Qty: Bridgelux 3030 &amp; 120pcs</li> <li>3. CCT: 3000-6500k (default 5000k)</li> <li>4. Solar panel capacity: 60W / 6V</li> <li>5. Battery: LiFePO4 Lithium 192WH / 60AH 3.2V</li> <li>6. Charging time: 5-6 hours under direct sunshine</li> <li>7. Working time: 12 hours per night, 2-3 rainy days</li> <li>8. Working mode: light control+time control with diming</li> <li>9. Sensor: default no, can be added</li> <li>10. Bracket: With solar panel bracket &amp; support</li> <li>11. Installation height: 5-6m</li> <li>12. Installation distance: 15-20m</li> <li>13. size: light: 525*220*100mm solar panel: 580*560*25mm (182 solar cell)</li> </ol>
STR X1-40	40 Watt		<ol style="list-style-type: none"> <li>1. Lumen: 7200LM 180lm/w</li> <li>2. Led Chip &amp; Qty: Bridgelux 3030 &amp; 120pcs</li> <li>3. CCT: 3000-6500k (default 5000k)</li> <li>4. Solar panel capacity: 80W / 18V</li> <li>5. Battery: LiFePO4 Lithium 320WH / 100AH 3.2V</li> <li>6. Charging time: 5-6 hours under direct sunshine</li> <li>7. Working time: 12 hours per night, 2-3 rainy days</li> <li>8. Working mode: light control+time control with diming</li> <li>9. Sensor: default no, can be added</li> <li>10. Bracket: With solar panel bracket &amp; support</li> <li>11. Installation height: 7-8m</li> <li>12. Installation distance: 25-31m</li> <li>13. size: light: 525*220*100mm solar panel: 580*730*30mm (182 solar cell)</li> </ol>
STR X1-60	60 Watt		<ol style="list-style-type: none"> <li>1. Lumen: 10800LM 180lm/w</li> <li>2. Led Chip &amp; Qty: Bridgelux 3030 &amp; 120pcs</li> <li>3. CCT: 3000-6500k (default 5000k)</li> <li>4. Solar panel capacity: 100W / 18V</li> <li>5. Battery: LiFePO4 Lithium 384WH / 120AH 3.2V</li> <li>6. Charging time: 5-6 hours under direct sunshine</li> <li>7. Working time: 12 hours per night, 2-3 rainy days</li> <li>8. Working mode: light control+time control with diming</li> <li>9. Sensor: default no, can be added</li> <li>10. Bracket: With solar panel bracket &amp; support</li> <li>11. Installation height: 7-9m</li> <li>12. Installation distance: 27-35m</li> <li>13. size: light: 525*220*100mm solar panel: 580*920*30mm (182 solar cell)</li> </ol>

## MAIN FEATURES

1. All die-casting aluminium light housing and, anti-corrosion, high temperature resistance and good heat dissipation
2. Bridgelux chip from American brand, luminous efficiency can reach 160-180lm/w, working time>50,000 hours
3. LIFePO4 Lithium battery with long lifespan as long as 8 years, morethan 2000 cycles
4. Monocrystalline solar panel, its efficiency of conversion can reach 19%
5. Standard product without sensor function, microwave sensor can be added

## 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.
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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.