

Solmax Led Solar Street Light System with Lithium Battery









Certain certifications pending, inquire as to status.

Features



More than 2000 cycles



Top mounting, easy installation



Lumen efficiency up to 200lm/w



Energy-Efficient, Eco-Friendly, low



MPPT smart solar controller



Solar Panel Parameters

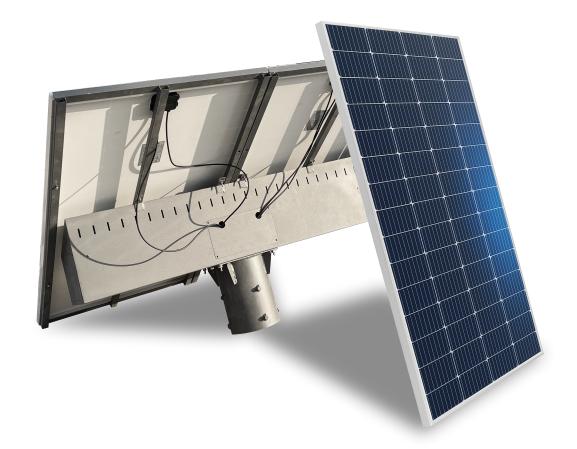


Premium Material



22.5% High Efficiency





System Configuration

- 200W Solar Panel
- Remote control
- 80W LED Streetlight
- 15W Blue-White-Blue Light Strip, 4.5m
- 100Ah/25.6V Lithium Battery
- 85Ah/25.6V Lithium Battery



• Hitech DC Street Light

- · High lumen efficiency up to 200lm/W.
- Toolless Access,easy opening and Closing.
- IP66,IK09.

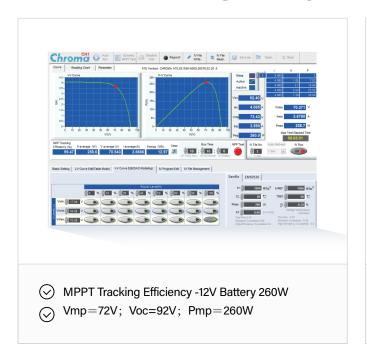
- Lifetime ≥ 100000Hrs
- Distribution Curve T2S/M,T3S/M.

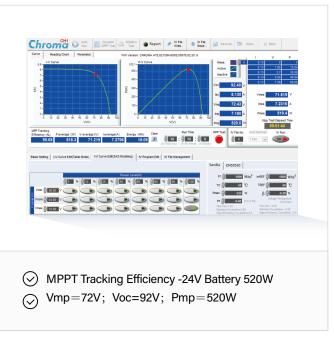


Product Accessories

Battery Pack	MPPT Charge Controller
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Capacity :25.6V 85Ah or 100Ah or custom design.	Intelligent MPPT Solar Charge Controller With Step-up LED Driver
Temperature for use : -35°C to 65°C	Maximum power tracking technology, higher tracking efficiency and faster speed.
IP Degree :IP67	
Lifetime : 2000 Full Discharge / charge Cycles	

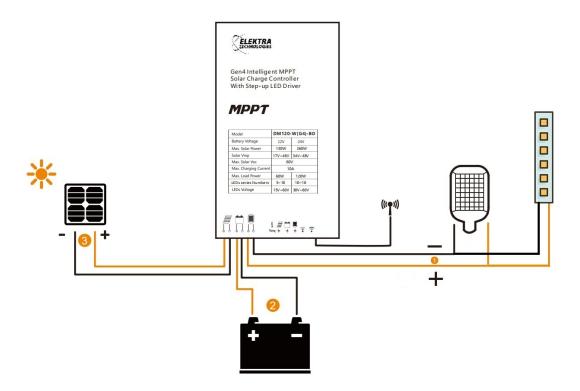
MPPT Controller Tracking Efficiency







Solar System Wire Connection



Remote Control



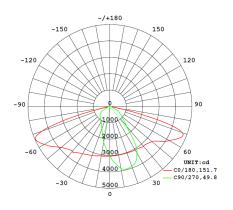


Solar System Overall Technical Parameters

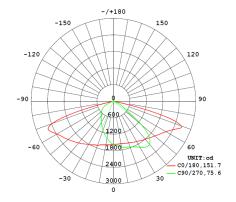
ltem	Model	Hitech 1x80W System
Electrical	parameters	≤60V
parameters	Input Current	≤10A
	Charge Battery Voltage	29.2V
	Charge Battery Current	≤15A
	Output Voltage	15-60V
	Output Current	50mA-4200mA
Other parameters	Operating Temperature	-25°Cto+45°C
	Storage Temperature	-40°Cto+85°C
	Protection Class	IP66
	Color Packing Dimension	RAL7012
	Certification	CE/ROHS Standard IEC 60598-1& IEC 60598-2-3

Photometric Report

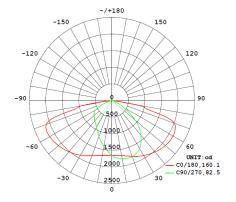
LUMINOUS INTENSITY DISTRIBUTION.



T2S Light Distribution



T2M Light Distribution



T2M Light Distribution (CCT Selectable)

