



SOLMAX

LED SOLAR STREET LIGHT SYSTEM

with Lithium Battery

Features

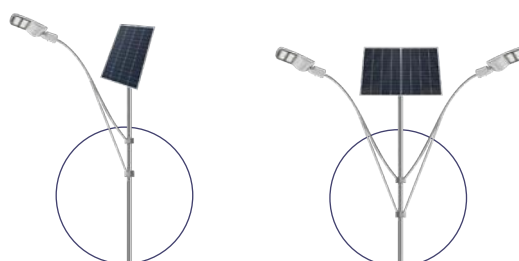
- More than 2000 cycles
- Lumen efficiency up to 200lm/W
- MPPT smart solar controller
- Top mounting,easy installation
- Energy-Efficient , Eco-Friendly,low

Solar System Overall Technical Parameters

Item	Model	Hitech 1x80W System
Electrical	Input Voltage	≤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℃ to + 45℃
	Storage Temperature	-40℃ to +85℃
	Protection Class	IP66
	Color Packing Dimension	RAL 7012
	Certification	CE/ROHS Standard IEC 60598-1 & IEC 60598-2-3

System Configuration

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



Solar Panel Parameters



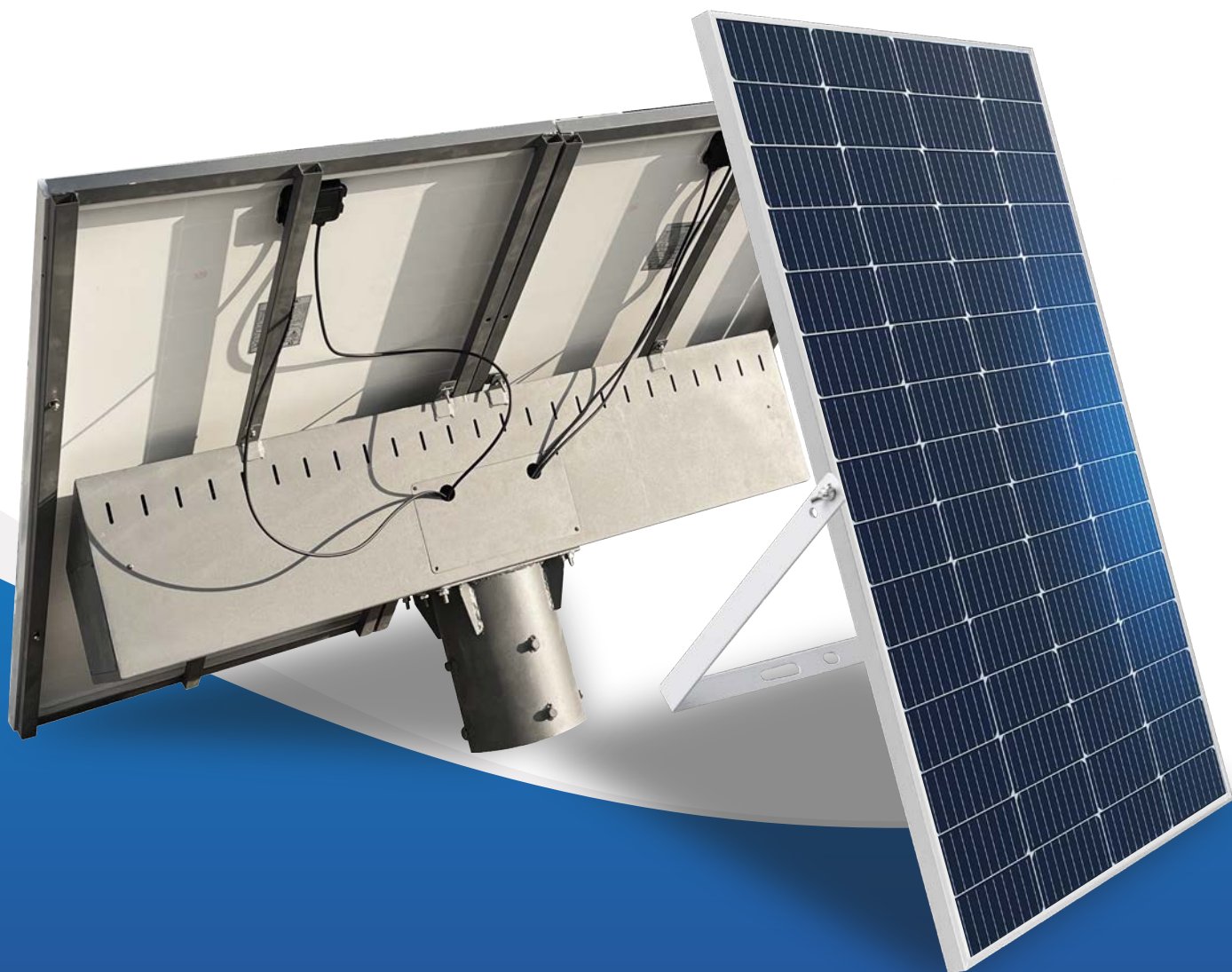
**Premium
Material**

22.5%

**22.5%
High Efficiency**



**IP67
IP Degree**







Hitech DC Street Light

- High lumen efficiency up to 200lm/W.
- Toolless Access,easy opening and Closing.
- IP66,IK09 .
- Lifetime $\geq$ 100000Hrs
- Distribution Curve T2S/M,T3S/M.



Battery Pack

Features:

- Capacity :25.6V 85Ah or 100Ah or custom design.
- Temperature for use : -35℃ to 65℃
- IP Degree :IP67
- Lifetime : 2000 Full Discharge / charge Cycles

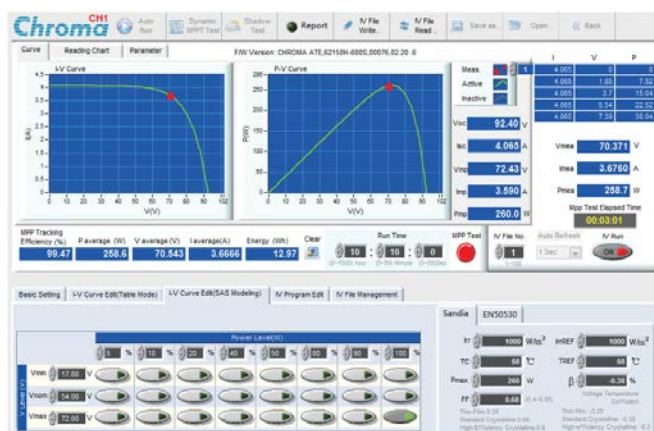


MPPT Charge Controller

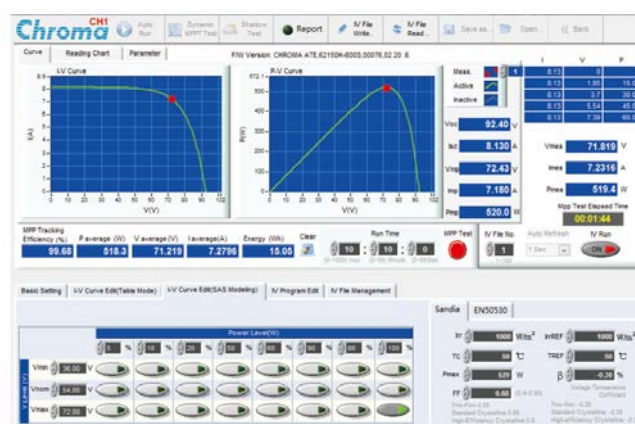
- Intelligent MPPT Solar Charge Controller With Step-up LED Driver
- Maximum power tracking technology,higher tracking efficiency and faster speed.



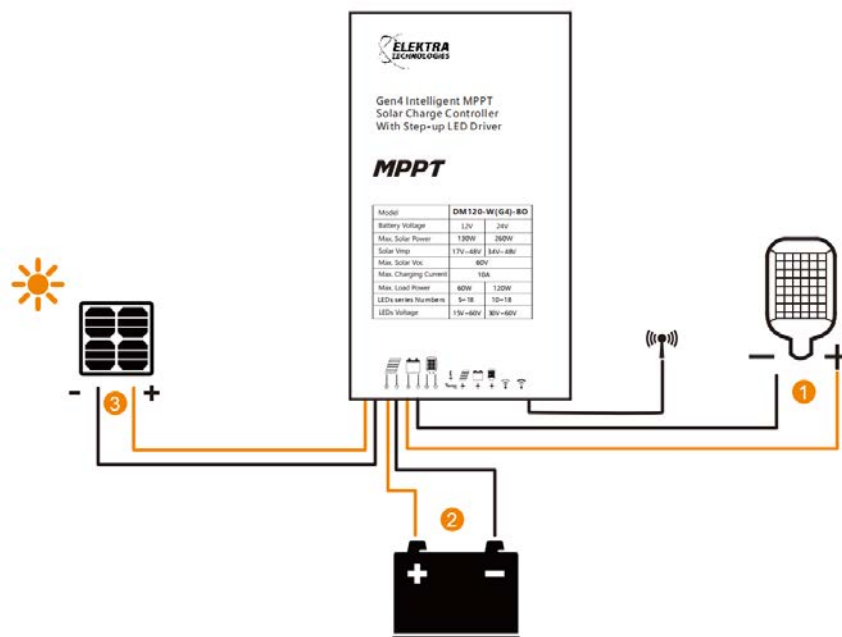
MPPT Tracking Efficiency -12V Battery 260W Vmp=72V; Voc=92V; Pmp=260W



MPPT Tracking Efficiency -24V Battery 520W Vmp=72V; Voc=92V; Pmp=520W



Solar System Wire Connection



Remote Control



SOLMAX



SOLMAX LED LUMINAIRES

Bringing Light to Life!



Certain certifications pending, inquire as to status.