Xtreme features. from QSOLAR

4 KGS * 8.36lbs

QLITE.X Xtremely Light

FLEXIBLE

ESS process®

QSpower+®

icycells cool design

Convert your scooter to:

A solar-powered, autonomous vehicle and ride for free.

Solar Scooter

Frameless Flexible Module

The revolutionary Flexible light module

- No Holes to Drill
- Lightweight
- Weatherproof
- Flexible and Durable
- No Glass to Break
- Installs in Minutes-No adjustments
- Increase the range on your scooter
- Lower electricity bills, extend battery lifetime
- Futuristic design

Protect the environment by converting your scooter to solar power. The solar panel converts sunlight directly to electricity which charges the scooter 36volt or 48 volt battery bank.

This scooter solar panel, manufactured by QSOLAR Limited, is the most efficient combination available, producing three to four times greater output than companies using thin film technologies, and 50% lighter than the competitor using crystalline photovoltaic panels. Depending on location, time of year, and driving conditions, the 90 watt top will extend your driving time 10-15KM per day. The rule of thumb is that for every one hour the 90 watt solar scooter sits out in the sun, it will go an extra kilometers. It is great for scooter on long, hilly scooter courses, neighborhood electric vehicles in scooter communities, maintenance workers' vehicles that are driven all day, and transport scooter. The solar powered scooter is well suited for locations that do not have easy access to electricity, such as campgrounds, farms, hunting areas, and on islands.

By using solar power to operate your scooter, you can eliminate the consumption of approximately 240 lbs of coal PER YEAR for electricity generation and eliminate the emission of 1,100 lbs of CO2 PER YEAR into the atmosphere (based on using the scooter to its maximum potential of 6 sun-hours of peak sun).

The scooter solar panel charging kit is designed and manufactured by QSOLAR Limited. We are committed to push the envelope of technology and provide cost effective, practical, and sustainable solutions in solar-powered application.

Product Description

MECHANICAL SPECIFICATIONS	QS.F 90W
Dimensions	1640 mm x 530 mm x 3 mm
Weight	8.36lbs /4 Kgs
Cells	294 Polycrystalline 156mmx10 mm cells
Frame	NO FRAME
Encapsulant	**SPRAYTEK99®** ESS® PROCESS
Backsheet	Ultra light solid polymer

In typical use, a scooter battery is discharged to twenty percent of capacity (80% discharge). In this usage, batteries will need replacement after 520 charge cycles or 1.5 years.

Use of a QSOLAR solar panel reduces depth of discharge to no lower than 30%. In most cases through typical cart use the battery discharge will be in the 30%-50%, equaling a gain of more than double in battery life.

In one test case, battery discharge depth was limited to 10% of the battery capacity. Battery lifetime for this battery could be extended to 5000 charge cycles.

Specifications may change upwards without notice.

If you are interested in a more powerful solar system,

Please call Customer Service, 0086-21-54473562.

Solar kits of higher power are also available for larger scooters

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