



Solar Introduction

Welcome to Sollatek Solar Systems

An introduction to Sollatek's expertise in solar power



harnessing the power of the sun



Company profile

Founded in 1983, Sollatek (UK) Limited is a foremost specialist manufacturer of power protection products and solar power solutions. Since 1987, when the first solar charge controllers and small home systems were developed, our solar activities have expanded greatly over the last two decades and Sollatek is now an established market leader in the design, manufacture and installation of solar system components and complete solar systems. Now with offices in 15 countries and an active distribution network in 25 more, Sollatek has grown rapidly to become a truly global company.

Principal solar energy products

Sollatek's range of solar energy products includes:



Solar charge controllers



Solar street lighting
(LED, SOX, PL)



Solar lighting kits and systems



Solar modules



Solar batteries



Solar lantern





Why choose Sollatek?

A global player in photovoltaic products, Sollatek designs, manufactures and supports a wide variety of solar related products and systems.

With over 20 years experience in the solar industry, Sollatek's products are used in thousands of systems around the world.

Their design, durability and reliability make them the first choice for installations in harsh environments and remote locations. Sollatek UK has been approved by Lloyd's Register Quality Assurance to the ISO9001:2008 Quality Management Systems Standard.

Advantages:

- Bespoke system design
- Automated system reports
- Many systems successfully installed around the world
- Experience in many countries including: Libya, South Africa, UK, Iraq, Egypt, and Liberia
- A wide network increases availability
- Constant development of new products
- A team of engineers dedicated to research and development
- 2 year worldwide warranty on all systems
- 25 year guarantee on solar modules

Manufacture



Sollatek manufactures and supplies:

- Solar charge controllers
- Lighting (bulkheads and lamps)
- PV modules (mono and multicrystalline)
- Batteries (gel, wet, and acid)
- Solar water pumps
- Solar cathodic protection from metal corrosion



Production facilities

Head office - UK Sollatek (UK) Limited.
Unit 10, Poyle 14, Newlands Drive,
Colnbrook, Slough, Berkshire SL3 0DX
United Kingdom.

Employees: 4 Quality control staff
4 Logistics officers
8 Research & development engineers
3 Procurement officers
3 Financial officers
6 Sales & marketing staff
5 Management staff

China factory- Hong Kong

Employees : 1800 Production staff
150 Production engineers
25 Mechanical & tooling engineers
15 Procurement officers
10 Financial officers
7 Management staff

Egypt factory-Cairo

Employees : 70 Production staff
5 Production engineers
2 Mechanical & tooling engineers
2 Procurement officers
2 Financial officers
4 Management staff

India factory

Opening soon



System Design



Sollatek abides by professional and rigorous system design standards. Our dedicated and experienced engineers meticulously plan and research each project to ensure maximum client satisfaction and quality of service.

In adherence to Quality Assurance ISO9001, Sollatek has implemented set procedures enabling better relationships between system designers and the client, thereby offering a bespoke service that suits their individual needs.

- Bespoke system design
- Specialised system software
- System performance reports
- Dedicated research & development team
- Experienced engineers



Case history: Solar street light design and installation

Project: Southern Oil Company

Country: Iraq

Year: 2010

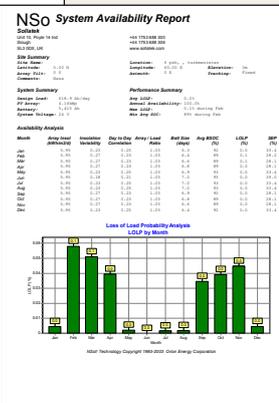
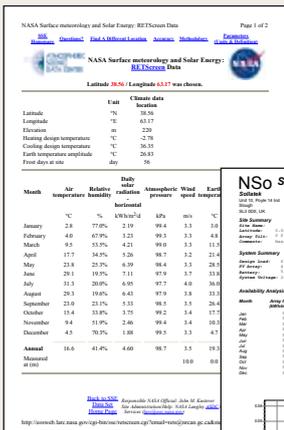
Product: 500 LED solar street lights



Sollatek's progressive research and development ensures we always keep one step ahead of the competition; Sollatek was awarded the tender to supply 500 solar street lights with new LED technology. Installation is in southern Iraq, near the city of Basra, known for its poor lighting and security issues at the remote oil fields.

The Sollatek designed LED bulkheads have an output of 6000 lumens, emitting an attractive bright white light. This intelligent system has an automated switching schedule from dusk to dawn. It is also maintenance-free with a 50,000 hour life span (11 years at 12hr operation).

Sollatek has tailor-made the design of these street lights to withstand severe heat and dusty conditions. In addition, module brackets have been used to withstand strong winds.



Sollatek system reports using up to date NASA solar energy data

**Installation/
Commissioning/
Training**



Sollatek has established local companies, distributors and resellers across 30 countries around the world. This enables Sollatek to maintain its long standing two year worldwide warranty on all its products and systems. The local presence also facilitates installation by Sollatek and its agents ensuring utmost quality of service.

Sollatek also commissions supplied systems thus ensuring standards to the highest level of expertise are maintained for clients presiding over their own installation.

A vital service that Sollatek provides to its clients is expert training and after sales support. Our professional training courses enable clients to better understand and maintain their systems.



- Worldwide presence
- Local support
- Quality assured system installation
- Professional commissioning
- Expert training
- After sales support
- 2 year worldwide warranty on all systems



System training for MTN engineers in Ghana

Case history: System installation and training

Project: General Post & Telecom Co. (GPTC)

Country: Libya (Sahara desert)

Year: 1997

Product: Complete village electrification



Sollatek supplied and installed a large rural electrification system for a community in the Sahara desert (Wadi Marseet) fine-tuning transmission to homes. Prior to this, the village was deprived of basic reliable power and was depending heavily on fuel guzzling diesel generators which was costly due to constant maintenance and refuelling.

The solar PV generators now supply 24/7 clean and uninterrupted power with no maintenance or running costs to the village.

System Integration

Sollatek's portfolio combines experience with numerous solar system integrations. Our success is due to the ability to diversify and facilitate specific clients' needs. We thoroughly inspect each client's current system and present integrated solar solutions.

Sollatek's systems are fully expandable and can be customised to fit existing systems. We specialise in providing solar solutions for:

- Telecom systems: power provision for GSMs, microwave repeaters, VSAT and satellite systems, fibre optic repeaters and TV/FM stations
- Power grid connected systems
- Irrigation systems
- Cathodic protection from metal erosion



Case history: Telecom system power integration

Project: Libyana mobile provider

Country: Libya

Year: 2007-2009

Product: Solar generator for mobile GSM repeaters

A nationwide Libyan programme to get people talking across its vast expanses is set to revolutionise lives and infinitely speed modernisation of outlying regions.

Sollatek is the key to this major initiative, winning an important tender against fierce global competition, to supply and install solar power generators for 61 Libyan sites. Covering an area of over 2 million square km, this new scheme means a phone - cellular or fixed - to practically every Libyan. Many also have a home landline, plus one or two mobile lines, one on each of the two available networks, Libyana and Madar.



The solar modules have a design life of over 25 years, the batteries giving excellent service for a good 15 years. Thus the effective running costs are negligible, especially as no routine maintenance is required.

Consultancy



Sollatek provides expert advice and consultation in design, project management and installation of solar photovoltaic systems. We enable commercial organisations, public institutions, and homeowners to implement solar systems, and take part in the solution towards the energy and environmental challenges of today.

Consultation areas

- Expert analysis
- System design
- Report generation
- Project management
- Project cost analysis
- Installation & commissioning



Case history: System consultancy and commissioning

Project: Liberia energy assistance programme

Country: Liberia

Year: 2008

Product: Solar generator for clinics and learning centres



As part of Liberia's nationwide solar installation programme, Sollatek was consulted then subsequently contracted to supply and install solar generators for local health clinics and learning resource centres. This was a leading joint venture with the U.S Agency for International Development (USAID) and IRG to supply affordable and reliable energy services using off grid solar generators.

Sollatek is experienced in carrying out projects in countries where living and working conditions are tough, and Liberia is a good example of this. It is still recovering from the long running and ruinous civil war of the 1990s, which also impacted heavily on the electricity supply around the country.

A major benefit of the durable and extremely reliable low maintenance solar PV generator inverter systems being installed, is their use as an auxiliary night-time power source. This means that the existing generators can be turned off when the power demand is low, thus avoiding reliance on fossil fuel burning generators with their associated noise and exhaust pollution.

Sollatek worldwide companies and agents



Distributors in over 50 countries including:

Algeria	Egypt	Jordan	Nigeria	Sweden	USA
Angola	Finland	Kenya	Norway	Sudan	Venezuela
Australia	Ghana	Kazakhstan	Pakistan	Taiwan	Yemen
Azerbaijan	Greece	Libya	Philippines	Turkey	Zambia
Benin	Holland	Malawi	Qatar	Tanzania	Zimbabwe
Cameroon	Hong Kong	Mexico	Saudi Arabia	UAE	
Croatia	India	Mozambique	Sierra Leone	Uganda	
Denmark	Iraq	Nepal	South Africa	United Kingdom	

For Sollatek Distributors' contact details, please visit:
www.sollatek.com/worldwide-partners.asp

Sollatek (UK) Ltd
 Unit 10, Poyle 14 Newlands drive,
 Poyle, Slough, SL3 0DX, UK.

Tel:
 International: +44 1753 688300
 National: 01753 688300

Fax:
 International: +44 1753 685306
 National: 01753 685306

E-mail: sales@sollatek.com

Internet: www.sollatek.com



Sollatek provides you with full back up support and a two year worldwide warranty on all products, with local support in  over twenty countries worldwide.

SollatekTM
 solar systems

www.sollatek.com



ISO9001: 2008 accredited company

All weights and dimensions are approximate. Specifications are subject to change without prior notice. ©Sollatek (UK) Limited 2010. All Rights Reserved. SOLLATEK and the SOLLATEK device are the trade marks of the Sollatek group of companies.