

SOLAR POWER STATION(SPS)

Delivering power, security and communication systems in off-grid locations.

PRODUCT BROCHURE

SUNSTONE
SYSTEMS

Solar Power
Station
Battery Charging Station

33083



SOLAR POWER STATION (SPS)

The SPS is a versatile, standalone unit which can serve as a CCTV control room and monitoring centre, a wireless or satellite telecommunications centre, construction site-offices, or a gatehouse with an integrated barrier entry system.

We will work with you to integrate the specific technologies you require for your application and ensure the solar array and battery system is sufficient to provide reliable power all year round.

SUNSTONE
SYSTEMS



Solar Generator



Guard Hut



Welfare Centre



UPS



Construction



Site Security



Remote Perimeters



Telecoms

Solar Power Station
Battery Charging Station

SOLAR POWER STATION (SPS)

The Solar Power Station (SPS) is a robust, rapidly deployable, clean-power station for temporary or permanent application in high-security operations. The SPS is a rapid, reliable, and sustainable solution for providing on-site power in remote locations, extreme weather conditions, and highly corrosive environments.



Solar Power

We only integrate the most effective and efficient solar panels into our array, maximising how much free energy we capture from the sun. We size and specify the size of the solar array you need for your requirement, which can be from 2kWh to 10kWh.



Battery Power

Alongside the solar array, we can integrate up to a 10 kWh battery storage system, which ensures you have power whenever you need it.



Connectivity

We have a range of telecommunications systems that can be affixed to our masts, extending from 6m to 26m to provide cellular, satellite or wireless point to point and mesh networks over long distances. Depending on the location, we aim to deliver a minimum connection speed of 40mbps.



Smart can Clean technologies

Using the clean energy we generate, the Solar Power Station can deliver power to an extensive range of smart sensors, communications and surveillance technologies. In addition, the SPS can be remotely monitored for system health and battery performance monitoring. The SPS generates power from only solar energy, with zero emissions, this platform can save up to 8 tonnes of CO2 per year.



Rapid Deployment

The SPS is delivered with all the required components and can be operational in under 45 minutes, instantly providing power, data and security where you need it.



UK Manufactured

We manufacture our technologies only in the UK, using local suppliers and specialist manufacturers of our critical components, which include solar panels, batteries, telecommunications equipment and surveillance technologies. Also, we can custom manufacture the SPS for your specific requirement.

FEATURES

- Available to lease, purchase and hire purchase
- Off-grid security solution capable of delivering 24/7 HD CCTV powered entirely by renewable energy
- Scalable, portable and modular, providing flexibility for developing sites and operational requirements
- Each installation comes with a site survey to ensure a tailored solution that effectively meets the security and communication needs of the client
- Manufactured from steel and powder coated to prevent corrosion
- Anti-theft and vandalism measures: built in GPS, concealed hinges, fully enclosed, ruggedized and lockable cabinet with IP66 rating, anti-vandal collar - option to add sensors
- Latest solar panel technologies and secure bracketry
- Advanced battery system and power point tracking
- Fully serviced with system health monitoring to reduce potential downtime on site by alerting our engineers to proactively attend your site
- Renewable power for tool charging, manned guarding, lighting, surveillance and telecommunications

*White label options available





SUNSTONE SYSTEMS

Sunstone House, Unit 1, Altira Business Park, The Boulevard,
Herne Bay, Kent, CT6 6GZ
United Kingdom

+44 (0)1227 369 470

www.sunstone-systems.com

