

SOLAR TOWER



Self sufficient, solar powered surveillance and lighting tower. This heavy duty system is capable of powering demanding equipment in rugged conditions, entirely offgrid - from the moment it is deployed.

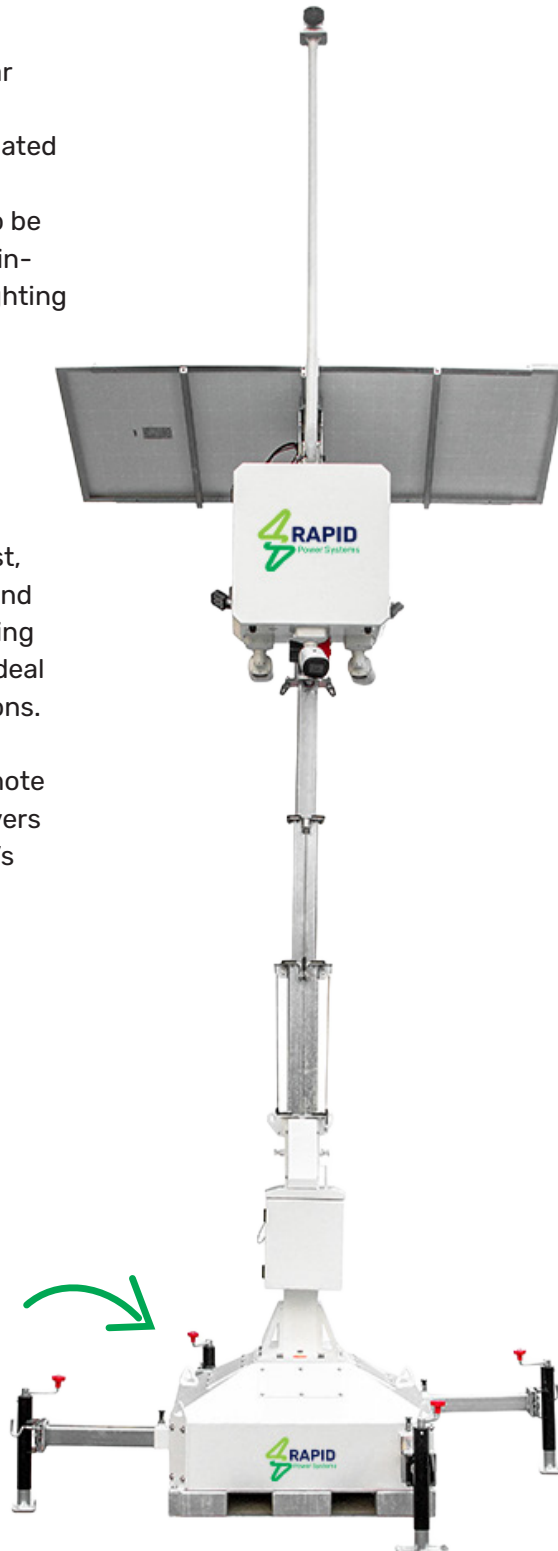
The Rapid Power Systems Solar Tower is built for fast, reliable deployment in off-grid and isolated areas where there is no power connectivity. It's engineered to be a complete plug-and-play, all-in-one mobile surveillance and lighting solution.

Built for simplicity and speed, the Solar Tower can be forklifted or craned straight off a truck and deployed in minutes. With a telescopic mast, positioning cameras is faster and easier than ever before, including an optional extendable arm - ideal for ANPR and timelapse solutions.

From construction sites to remote locations, the Solar Tower delivers dependable power wherever it's needed.

No power? No problem.

concrete filled base



Solar Powered.

Engineered for real-world conditions, delivering a minimum of 2.5 days of continuous power, even without sunlight.

- 2560Wh battery power
- 455w Solar Panel
- Supports 40w max. device load
- 12VDC system
- 30A MPPT solar controller
- Low voltage disconnect/ remote load control
- Remote health monitoring
- External connection for charging when in storage

Connectivity.

- Industrial 4G router
- External 4G antenna (2x LTE, 1x WiFi)
- Industrial PoE+ switch (4 PoE ports, 1 uplink)

RPS SOLAR TOWER - DRAWING

Base Dimensions (4x adjustable legs retracted):	1.4m x 1.4m
Base Dimensions (4x adjustable legs extended):	2.2m x 2.2m
Total Width (inc. Solar Panel):	2.09m
Transit Height:	2.84m (4.05m with optional arm)
Deployed Max. Height:	4.85m (6.05m with optional arm)
Total Weight:	1030kg (inc. concrete filled in base)
Wind rating:	156km/h (optional steel guy wires available)
Mast:	3.2m telescopic mast - Manual winch 1.5m optional extendable arm for camera mounting

