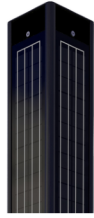


# PowerStack™ Off-grid 3D LiDAR Monitoring



POWERSTACK™



PowerStack vertical solar pole



Quenergy™ MQ-8 LiDAR Sensor and Q-Track Software



PoE Switch and modem



Compatible PTZ camera and VMS

## 3D Intelligent Monitoring, 100% off-grid

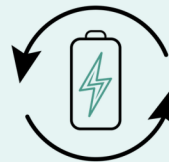
The Quenergy Q-track solution pairs with PowerStack vertical solar poles for off-grid, hyper accurate monitoring, perfect for remote location surveillance. With 3D 'object & vehicle classification', realtime tracking and full day/night operation, this solution provides real 'eyes on the ground' security.

Deploy on sites and locations without existing electrical infrastructure, using PowerStack smart solar poles for 100% off-grid, remote monitoring.

- Data centers
- Industrial sites & factories
- Rail & rural roadways
- Water, solar & power facilities
- Mining sites
- Airports
- Oil & gas sites
- Military bases
- Remote storage facilities



4-sided design for 360° sunlight capture year round



100% off-grid with a reliable 5 day backup



Installed in as little as 60 minutes, with no heavy machinery

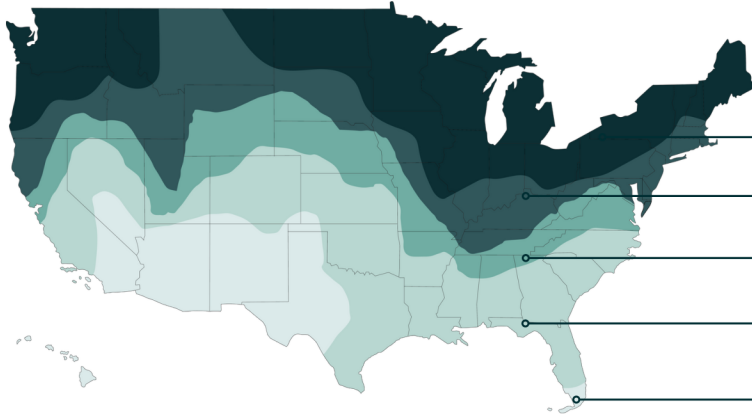
## Solar designed differently

PowerStack modular solar poles provide a cost-effective, reliable and sustainable way to power safety, security and smart technologies. 100% off-grid green power.

- No trenching, cabling or heavy machinery required for installation
- No utility regulatory processes or excessive downtime
- Minimized environmental and community disruption during installation

Solar Reimagined.

# PowerStack™ Off-grid 3D LiDAR Monitoring



## Designed for your location

**Zone 0**

**Zone 1**

**Zone 2**

**Zone 3**

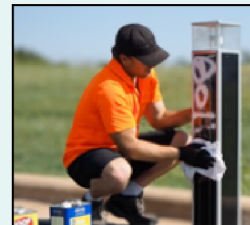
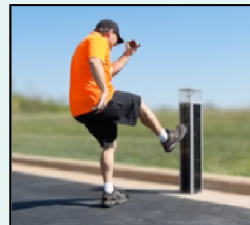
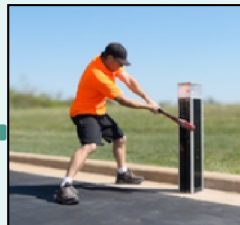
**Zone 4**

Choose your locational zone to align with the chart below to obtain the model number required for your project site.

NOTE - Please refer to individual manufacturer's model numbers for specification and ordering. Other foundation types and PowerStack system designs are available.

System	Zone 0	Zone 1	Zone 2	Zone 3	Zone 4
PowerStack	-	M80-5LP4-25LFP (25ft pole)	M60-4LP4-20LFP (20ft pole)	M50-3LP4-15LFP (15ft pole)	M50-3LP4-15LFP (15ft pole)
Added devices	Quanergy Q-Track solution with MQ-8 LiDAR sensor w/ perception software, plus your chosen compatible camera device (please contact Quanergy for compatible VMS and device providers)*				
Foundation	CFF-M400-12-20 PowerStack Concrete-free foundation				

Scan the QR codes below to watch our installation process and vandal test videos.



\*Full system operation requires PoE switch and modem, some applications may also require an IPC. Some zones may require two PowerStack poles with devices split between them.