

Solar Kits

Features

- Complete Kit – Solar Panel, Pole/Wall Mount, Outdoor 12AWG Cable, Battery Charge Controller
- Accommodates 2" to 4.5" dia. Pole or Wall Mount
- Quick tilt adjustment (15° to 65°)
- Certified for up to 110MPH Winds

Applications

- Remote Power Stations
- Wireless Base Stations
- Lighting Applications
- Surveillance Applications



140W and 280W Kit Mount System

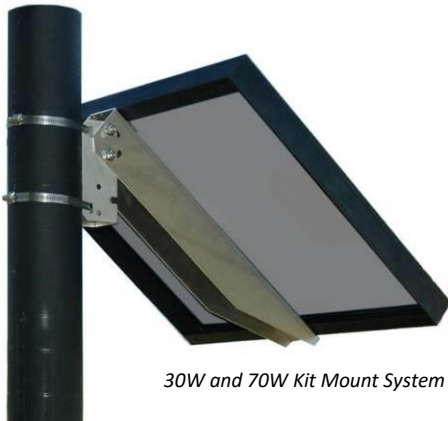
Description

The TPSK series of solar panel kits come complete with high efficiency multicrystalline solar panel, side of pole/wall mounts, PWM Charge Controller and outdoor rated 12AWG cable. They are ready for quick connection to Tycon Power Systems outdoor UPSPro™ Systems or any other application requiring solar power. The panels use only the best silicon cells from Germany to provide excellent low light performance and long life (25years). The rugged aluminum frame and high transparency, low iron, tempered glass withstands high wind, hail and snow loading. The mounts are heavy duty aluminum with stainless steel hardware. They are a simplified design that makes them easy to install, saving precious installer time. The mounts are designed for pole mounting but can also be wall mounted. They provide quick tilt adjustment for positioning the panel to proper sun angles for summer and winter sun.

Specifications

	TPSK12-30W	TPSK12-70W	TPSK12/24-140W	TPSK12/24-280W
Solar Panel Voltage/Capacity	12V 30W	12V 70W	12V/24V 140W	12V/24V 280W
Solar Panel Max Current	1.74A	4.07A	8.14A	16.28A
Solar Panel Size	20" x 21"	26" x 30"	26" x 60"	52" x 60"
Solar Panel Model	TPS-12-30	TPSHP-12-70	TPSHP-12-70 x 2	TPSHP-12-70 x 4
Pole Diameter	2" to 4.5"	2" to 4.5"	2" to 4.5"	2" to 4.5"
Pole Mount Model	TPSM-10-40-SP	TPSM-60-SP	TPSM-70x4-UNI	TPSM-70x4-UNI
Wind Speed Rating	110MPH	110MPH	90MPH	90MPH
Charge Controller Model	TP-SC24-20	TP-SC24-20	TP-SC24-20	TP-SC24-20
Cable – 2 Cond – Outdoor	12AWG x 10'	12AWG x 10'	12AWG x 20'	12AWG x 20'
Operating Temperature	-40C to +85C	-40C to +85C	-40C to +85C	-40C to +85C
Shipping Weight	8.2kg (18lb)	10kg (22lb)	24kg (53lb)	36kg (79lb)

Solar Kits	Description	Continuous Power with 6 Hours Peak Sun	Continuous Power with 3 Hours Peak Sun
TPSK12-30W	12V 30W Solar Kit	8W	4W
TPSK24-30W	24V 30W Solar Kit	8W	4W
TPSK12-70W	12V 70W Solar Kit	17W	8W
TPSK12/24-140W	12V/24V 140W Solar Kit	34W	17W
TPSK12/24-280W	12V/24V 280W Solar Kit	69W	35W



30W and 70W Kit Mount System



12V / 24V Solar Charge Controller



Outdoor Rated Cable

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