



# TPSK Series

## DATA SHEET

### Solar Kits

#### Features

- Complete Kit – Solar Panel, Pole/Wall Mount, Outdoor 12AWG Cable, Battery Charge Controller
- Accommodates 2" to 6" 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



170W and 340W Kit Mount System

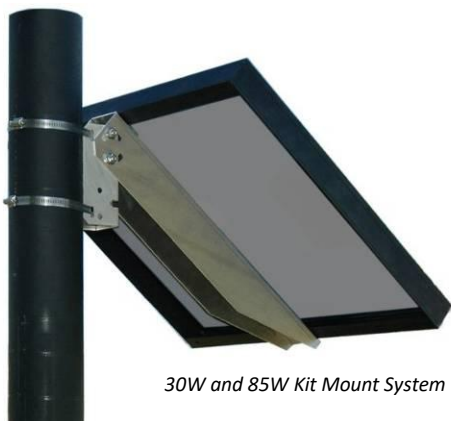
#### Description

The TPSK series of solar panel kits come complete with high efficiency monocrystalline solar panel, side of pole/wall mounts, PWM or MPPT Charge Controller and outdoor rated 12AWG cable. They are ready for quick connection to Tycon Power® outdoor UPSPPro® Systems or any other application requiring solar power. The panels 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

	TPSK12-35W	TPSK24-30W	TPSK12-85W	TPSK12/24M-170W	TPSK12/24M-340W
<b>Solar Panel Voltage/Capacity</b>	12V 35W	24V 30W	12V 85W	12V/24V 170W	12V/24V 340W
<b>Solar Panel Max Current</b>	1.74A	0.87A	4.43A	8.86A	17.72A
<b>Solar Panel Size</b>	16" x 26"	20" x 21"	26" x 34"	26" x 68"	52" x 68"
<b>Solar Panel Model</b>	TPS-12-35W	TPS-24-30W	TPS-12-85W	TPS-12-85W x 2	TPS-12-85W x 4
<b>Pole Diameter</b>	2" to 6"	2" to 6"	2" to 6"	2" to 6"	2" to 6"
<b>Pole Mount Model</b>	TPSM-30-80-SP	TPSM-30-80-SP	TPSM-30-80-SP	TPSM-80x4-UNI	TPSM-80x4-UNI
<b>Wind Speed Rating</b>	110MPH	110MPH	110MPH	90MPH	90MPH
<b>Charge Controller Model</b>	TP-SC24-20	TP-SC24-20	TP-SC24-20	TP-SC24-30N-MPPT	TP-SC24-30N-MPPT
<b>Cable – 2 Cond – Outdoor</b>	12AWG x 6'	12AWG x 6'	12AWG x 6'	12AWG x 20'	12AWG x 20'
<b>Operating Temperature</b>	-40C to +85C	-40C to +85C	-40C to +85C	-40C to +85C	-40C to +85C
<b>Shipping Weight</b>	8.2kg (18lb)	8.2kg (18lb)	10kg (22lb)	24kg (53lb)	36kg (79lb)

<b>Solar Kits</b>	<b>Description</b>	<b>Continuous Power with 6 Hours Peak Sun</b>	<b>Continuous Power with 3 Hours Peak Sun</b>
<b>TPSK12-35W</b>	12V 30W Solar Kit	8W	4W
<b>TPSK24-30W</b>	24V 30W Solar Kit	8W	4W
<b>TPSK12-85W</b>	12V 80W Solar Kit	20W	10W
<b>TPSK12/24M-170W</b>	12V/24V 160W Solar Kit	40W	20W
<b>TPSK12/24M-340W</b>	12V/24V 320W Solar Kit	80W	40W



30W and 85W Kit Mount System



12V / 24V Intelligent Solar Charge Controller



12V / 24V 30A MPPT Solar Charge Controller



20' Outdoor Rated 12AWG Cable

**For further information contact:**

Tyconsystems.com



**TYCON Solar®**  
 930 W 14600 S  
 Suite 600  
 Bluffdale, UT 84065  
 PH: 801-432-0003 FAX: 801-618-4220