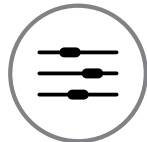




SUNPOWER
RENEWABLES

TITAN SINGLE PHASE

3.6 KW | 5KW | 6.2KW |
10KW | 12KW



POWERFUL FEATURES

- FAST CHARGING WITH 100A CHARGING CURRENT.
- WIDE RANGE OF GRID INPUT VOLTAGE RANGE
- WIDE MPPT VOLTAGE INPUT RANGE
- LITHIUM BATTERY LOSS ACTIVATION WAKE-UP.
- GRID-CONNECTED OUTPUT CAN BE CONTROLLED.



USER- FRIENDLY

- CONFIGURABLE AC/SOLAR CHARGER PRIORITY VIA TOUCH SCREEN SETTING.
- CONFIGURABLE DUAL AC OUTPUTS VIA TOUCH SCREEN SETTING.
- APP REMOTE MONITORING, REAL-TIME VIEW OF EQUIPMENT STATUS.
- SUPPORTS SEPARATE POWER GENERATION FROM PV IN CASE OF GRID AVAILABILITY.
- SUPPORTS REMOTE OTA UPGRADE.



RELIABILITY

- MULTIPLE ELECTRICAL PROTECTION FOR USER SAFETY.
- AUTOMATIC RESTART WHEN GRID POWER IS RESTORED.
- SMART BATTERY CHARGER DESIGN FOR OPTIMIZED BATTERY PERFORMANCE.
- COMPATIBLE TO MAINS VOLTAGE OR GENERATOR POWER.
- SUPPORT 9 MACHINES IN PARALLEL, CONSTITUTE THREE-PHASE FOUR-WIRE POWER GENERATION SYSTEM.



TITAN 3.6KW | 5KW | 6.2KW | 10KW | 12KW

Model	3.6KW	5KW	6.2KW	10KW	12KW
Battery					
Rated Voltage	24V		51.2V		48Vdc
Voltage Range	20~30V		44.8~57.6V		40~60Vdc±0.6Vdc
Max. Discharge Current	180A				
Max. Charge Current	100A	80A	100A	150A	150A
Battery Type	Li-ion (LFP)				
AC Output (Backup)					
Rated Power	3600W	5000W	6200W	10000W	12000W
Output Voltage	208/220/230/240Vac±5%		230Vac		
Output Frequency	50/60Hz±1%		50/60Hz±0.3Hz		
Max. Output Current	17.3A	22.7A	28.1A	45.4A	54.5A
Rated Current	15.7A	21.7A	27A	43.4A	52.1A
Peak Power	7200W	10000W	12400W	20000W	22000W
Overload Ability	Battery Mode(Battery Max Output Current>400A): 1min@102~110%Load; 10s@110~130%Load; 3s@130~150%Load; 200ms@>150%Load	Battery Mode(Battery Max Output Current>200A): 1min@102~110%Load; 10s@110~130%Load; 3s@130~150%Load; 200ms@>150%Load	Battery Mode(Battery Max Output Current>200A): 5min@100~110%Load; 10s@110~135%Load; 5s@>135%Load	Battery Mode(Battery Max Output Current>300A): 5min@102~130%Load; 10s@130~160%Load; 5s@>160%Load	Battery Mode(Battery Max Output Current>300A): 5min@102~110%Load; 10s@110~130%Load; 5s@>130%Load
Output Wave	Pure Sine Wave				
Peak Efficiency (Battery Mode)	>92%				>93%
Transfer Time	UPS Mode:10ms/APL Mode:20ms	20ms			10ms
AC Input					
Input Sources	L+N+PE				
AC Input Voltage Range	APL Mode:90~250Vac/UPS Mode:170~264Vac	APL Mode:154~264Vac/UPS Mode:185~264Vac	APL Mode:90~280Vac/UPS Mode:170~280Vac	APL Mode:90~280Vac/UPS Mode:170~280Vac	APL Mode:90~280Vac/UPS Mode:170~280Vac
Rated Input Voltage	208/220/230/240Vac		220/230Vac		
AC Input Frequency	50/60Hz(Auto Adaptive)				
PV Input					
Max. PV Input Power	5000W	5500W	6600W	5500W/5500W	6600W/6600W
No. of Independent MPPT Trackers					1/1
No. of PV strings per MPPT Trackers					2
Max. PV Input Voltage	500Vdc	450Vdc	500Vdc	500Vdc	500Vdc
MPPT Voltage Range	40~450Vdc	120~430Vdc	120~450Vdc	90~450Vdc	90~450Vdc
Max. DC Input Current	18A		22A		
Max. DC Short Circuit Current	20A		24A		
General Data					
Range of working temperature	0°C~50°C (Charge) / -10°C~55°C (Discharge)		0°C~50°C (Charge) / -10°C~55°C (Discharge)		-15°C~55°C
Optimal working temperature range	20°C~30°C				
Storage temperature	15°C~60°C				
Humidity	20-95% non-condensing			5-95%non-condensing	
Cooling strategy	Fan				
Altitude	<1000m				
Weight	7.4kg	10kg		20kg	
Dimension [W x H x D]	420*290*100mm	420*360*120mm		540*350*120 mm	
Enclosure protection rating	IP20				
Communication	Wi-Fi (Optional)/RS485/CAN				
Certificate	CE(IEC62109-1,2) EN61000-6-1, EN61000-6-3				CE(IEC62109-1,2), EN IEC 61000-6-2, EN IEC 61000-6-4, EN IEC 61000-3-2



Sunpower Renewables Pty. Ltd., is an Australian renewable energy solutions company. Our modern, efficient, and smart solar energy products are cost-effective, long-lasting & and environment-friendly with best-in-class technology. From commercial, and residential to off-grid applications, our products are designed to offer energy independence anytime, anywhere.

Visit our website www.srportables.com for more information or contact our technical team on Tel. 9315964687