

Achievers Energy Group as Australian Distributor

NEW

From Suntellite

SINGLE PHASE INVERTERS

Suntellite



T1 1.1-2.0K



T1 2.5-3.3K




T1 3.0-5.0K

T1 SINGLE PHASE INVERTER

Suntellite T1 single phase series are high quality single & dual MPPT inverters offering efficiency and reliability at an unbeatable cost.

Suntellite have developed a range of single phase inverters, unrivaled in the industry for their quality, reliability and efficiency. The Suntellite single phase inverters boast a wide MPPT voltage range to allow you to harvest the maximum amount of energy possible from your PV system and have a maximum input voltage of 600V, with a maximum efficiency up to 97.8%.

Get in touch now:

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	T1-1.1-S-N	T1-1.5-S-N	T1-2.0-S-N	T1-2.5-S-N	T1-3.0-S-N	T1-3.0-T-N	T1-3.3-T-N	T1-3.6-T-N	T1-4.6-T-N	T1-5.0-T-N	
INPUT (DC)											
Max.recommended DC power [W]	1250	1650	2200	2700	3200	3250	3500	4000	5200	5200	
Max. input DC voltage [V]	400	400	400	600	600	600	600	600	600	600	
Max. input current [A]	10	10	10	10	10	12/12	12/12	12/12	12/12	12/12	
MPPT voltage range [V]	55-380	55-380	55-380	100-580	100-580	125-580	125-580	125-580	125-580	125-580	
Start input/output voltage [V]	55/70	55/70	55/70	65/120	65/120	110/150	110/150	110/150	110/150	110/150	
Number of MPP tracker/strings per MPP tracker	1/1	1/1	1/1	1/1	1/1	2/1	2/1	2/1	2/1	2/1	
OUTPUT (AC)											
AC normal power [VA]	1100	1500	2000	2500	3000	3000	3300	3680	4600	4999	
Max. AC power [VA]	1100	1500	2000	2500	3000	3000	3300	3680	4600	4999	
Normal AC voltage; range [V]	220/230/240; 180~280			220/230/240; 180~280			220/230/240; 180~280				
AC grid frequency; range [Hz]	50/60; ±5			50/60; ±5			50/60; ±5				
Max. AC current [A]	5.5	7.5	9.5	12	14	14	15	16	21	21	
Power factor (full load)	0.8 leading ~ 0.8 lagging			0.8 leading ~ 0.8 lagging			0.8 leading ~ 0.8 lagging				
Total harmonic distortion(THD) [%]	<2			<2			<2				
POWER CONSUMPTION											
Standby consumption power[W]	<10			<10			<2				
EFFICIENCY											
MPPT efficiency[%]	99.9			99.9			99.9				
Euro efficiency[%]	95.5	96	96.5	96.8			97.0				
Max. efficiency[%]	97.1			97.6			97.8				
SAFETY & PROTECTION											
Over voltage protection	YES			YES			YES				
Over current protection	YES			YES			YES				
DC isolation impedance monitoring	YES			YES			YES				
Ground fault current monitoring	YES			YES			YES				
DC injection monitoring	YES			YES			YES				
RCD protection	YES			YES			YES				
Safety	EN62109-1/-2			EN62109-1/-2			IEC62109-1/-2				
EMC	EN61000-6-2;EN61000-6-3;EN61000-3-2;EN61000-3-3			EN61000-6-2;EN61000-6-3;EN61000-3-2;EN61000-3-3			EN 61000-6-1 / EN 61000-6-2 / EN 61000-6-3				
Certification	G83/2;AS4777.2-2015;VDE4105; EN50438;CQC;CEI0-21			G83/2;AS4777.2-2015;VDE4105; EN50438; CQC			G83/2;G59/3;AS4777.2-2015;VDE4105; EN50438;CQC;VDE0126				
ENVIRONMENT LIMITS											
Protection class	IP65			IP65			IP65				
Operating temperature[°C]	-20~ +60(derating at 45)			-20~ +60(derating at 45)			-20~ +60(derating at 45)				
Humidity[%]	0~95 (no condensation)			0~95 (no condensation)			0~95 (no condensation)				
Attitude[m]	2000			2000			2000				
Storage temperature[°C]	-20~+60			-20~+60			-20~+60				
Noise emission[dB]	<25			<30			<25				
DIMENSION & WEIGHT											
Dimensions(W*H*D) [mm]	248*350*124			323*402*119			339*420*143				
Weight[Kg]	7			9.5			14.6	14.6	14.6	16.7	16.7
GENERAL DATA											
Topology	Transformerless			Transformerless			Transformerless				
Communication interface	RS485 / WIFI(optional) / DRM / USB			RS485 / WIFI(optional) / DRM / USB			RS485 / WIFI(optional) / DRM / USB / RF(optional) / Meter(optional)				
Display	6 LED			11 LED			Backlight 16*4 character				
Standard warranty[years]	5			5			5				
Cooling type	Natural			Natural			Natural				