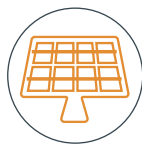




THREE-PHASE ON-GRID INVERTERS

SP_STR-T_50K | SP_STR-T_60K



PV STRING
CURRENT MONITORING



ARC FAULT
CIRCUIT INTERRUPTER
FUNCTION



PID RECOVERY



IP66 AND C5 PROTECTION

LED, WI-FI + APP

UP TO 40A INPUT CURRENT,
COMPATIBLE WITH BIFACIA MODULE

Inverter range is aimed at 3-phase commercial installations, offering unrivalled performance and versatility for increased yield potential and longer generation windows. The 3-phase V Series inverter options range from 50kW to 60kW.

THREE PHASE

Model	SP_STR-T_50K	SP_STR-T_60K
INPUT(PV)		
Max. Input Voltage [V]	1100	
Start-up Input Voltage [V]	250	
Rated Input Voltage [V]	600	
MPPT Operating Voltage Range [V]	200 ~ 1000	
Max. Input Current per MPPT [A]	32/32/32/40	32/32/40/40
Max. Short-circuit Current [A]	40/40/40/50	40/40/50/50
No. of Independent MPP Trackers	4	
No. of Strings per MPP Tracker	2	
OUTPUT(AC)		
Nominal Output Power [kW]	50	60
Nominal Output Apparent Power [kVA]	50	60
Max. AC Active Power [kW]	55	66
Max. AC Apparent Power [kVA]	55	66
Nominal Output Voltage [V]	380/400, 3W+N+PE	
Nominal AC Grid Frequency [Hz]	45 ~ 55 / 55 ~ 68	
Max. Output Current [A]	83.3	100
Output Power Factor	0.8 leading to 0.8 lagging	
Max. Total Harmonic Distortion	<3	
EFFICIENCY		
Euro-Efficiency [%]	98.1	
Max. Efficiency [%]	98.5	
PROTECTION		
DC Switch	YES	
DC Reverse Polarity Protection	YES	
AC Short-circuit Protection	YES	
AC Overcurrent Protection	YES	
Insulation Monitoring	YES	
Residual Current Monitoring	YES	
PV String Current Monitoring	Optional	
Surge Protection	DC II AC II	
PID Recovery	Optional	
AFCI	Optional	
Grid monitoring	YES	
Night SVG	YES	
Anti-Corrosion	C5	
GENERAL DATA		
Dimensions (WxHxD) [mm]	670*580*270 (reference)	
Weight [kg]	45	
Cooling Method	Smart air cooling / FAN	
Max. Operating Altitude [m]	4000	
Operating Temperature Range [°C]	-30 ~ 60	
Humidity [%]	0 ~ 100 (No Condensation)	
Protection Degree	IP65	
Communication	RS485/USB/Wi-Fi+LAN/4G	
Display	LED, Wi-Fi+APP	