

Suntrio Plus 25/30/33/40/50/60K

Série Suntrio Plus

Inversor trifásico

Suntrio Plus 15K/20K/25K/30K/35K LV



Seguro e Confiável

Proteção IP65
Proteção contra sobretensão CC / CA

Flexível e Eficiente

Eficiência MPPT 99,9%
Três MPPT para rendimento otimizado
Ampla faixa de tensão de entrada

Prático e Fácil de usar

Manutenção remota
Monitoramento de corrente de string integrado

Instalação Fácil

Design de caixa de alumínio
Área separada para manutenção

SAJ Technical Data					
Suntrio Plus 15K/20K/25K/30K/35K-LV					
Model	Suntrio Plus 15K-LV	Suntrio Plus 20K-LV	Suntrio Plus 25K-LV	Suntrio Plus 30K-LV	Suntrio Plus 35K-LV
Input (DC)					
Max.PV Array Power [Wp]@STC	22500	30000	37500	45000	52500
Max. DC Voltage [V]	1000				
MPPT Voltage Range [V]	180-900		280-900		
Nominal DC Voltage [V]	600				
Start Voltage[V]	200		300		
Min. DC Voltage[V]	180		250		
Max. DC Input Current[A]	22/22/22		44/33/33		44/44/44
Max. short circuit current	26.4/26.4/26.4		52.8/39.6/39.6		52.8/52.8/52.8
Number of MPPT	3				
Number of DC Connection Sets per MPPT	2/2/2		4/3/3		4/4/4
DC Switch	Integrated				
Output (AC)					
Rated AC Power [W]	15000	20000	25000	30000	35000
Max. AC Power[VA]	15000	20000	25000	30000	35000
Rated AC Current [A]	42	50	65	80	90
Max. AC Current [A]	42	50	65	80	90
Nominal AC Voltage/ range	3/N/PE, 127V/220V				
Grid Frequency / range	50Hz/60Hz				
Power Factor [cos φ]	0.8 leading-0.8 lagging				
Total Harmonic Distortion (THDi)	< 3%				
Feed-in	3L+N+PE				
Efficiency					
Max. Efficiency	98.60%	98.80%	98.80%	98.80%	98.90%
Euro Efficiency (@ 600Vdc)	98.40%	98.50%	98.50%	98.50%	98.60%
MPPT Accuracy	>99.5%				
Protection					
Internal Over-voltage Protection	Integrated				
DC Insulation Monitoring	Integrated				
DCI Monitoring	Integrated				
GFCI Monitoring	Integrated				
Grid Monitoring	Integrated				
AC Short Circuit Current Protection	Integrated				
LVRT	Integrated				
Thermal Protection	Integrated				
AC Surge Protection	Integrated (II)				
String Current Monitoring	Integrated				
Anti-PID Module	Optional				
DC Surge Protection	Integrated (II)				
DC Fuse	Optional				
Anti-island protection monitoring	AFD				
Interface					
DC Connection	MC4/H4				
AC Connection	Terminal Block				
LCD & LED Display	3.5 inch Graphic LCD Display				
Display Language	English				
Communication port	2*RS485+1*RS232				
Communication	Wi-Fi/GPRS/Ethernet (Optional)				
General Data					
Topology	Transformerless				
Consumption at Night [W]	<0.6				
Consumption at Standby [W]	<10				
Operating Temperature Range	-25°C to +60°C (45°C to 60°C with derating)				
Cooling Method	Intelligent fan				
Ambient Humidity	0% to 100% Non-condensing				
Altitude	3000m (>2000m power deration)				
Noise [dBA]	<35				
Ingress Protection	IP65 (Indoor & Outdoor Installation)				
Mounting	Rear Panel				
Dimensions (H*W*D) [mm]	700*530*260		800*550*220		
Weight [kg]	48		68		
Standard Warranty [Year]	5 (Standard) / 10 / 15 / 20 / 25 (Optional)				
Applicable Standard	IEC62109-1/2, IEC61000-6-2/3, IEC61683,IEC60068-2,IEC62116,IEC61717,PEA/MEA,NRS 097-2-1,UTE-C-15-712-1,VDE0126-1-1/A1, VDE-AR-N 4105, AS4777.2,AS4777.3,C-TICK,CQC NB/T_32004,G83-2,G59-3,NBR 16149,NBR 16150,TF 3.2.1				