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Products are continuously updated and parameters are just for reference.

RESIDENTIAL & COMMERCIAL

SOLAR SOLUTIONS

SAJ

RESIDENTIAL & COMMERCIAL

SOLAR SOLUTIONS

Founded in 2005 in Guangzhou, SAJ is one of the largest global inverter specialists focusing on renewable energy conversion, transmission and storage solutions. SAJ provides solar products including grid-tied solar inverter, strage solar inverter, retrofit battery system and monitoring platform.

In 2017, SAJ was ranked Top 10 Global single-phase inverter brand by IHS Markit and was the top 3 supplier occupying 24% market share of China Residential PV Market.Persisting in technological innovation and customer-oriented services, SAJ has built up a global network and local service team to guarantee high product quality and quick service-response. Up to now, SAJ has set up a warehouse in the Netherlanders, branches in Belgium,Poland, Australia, Brazil, India and etc..SAJ is entrusted by customers to provide smart energy solutions worldwide.

2
Manufacturing Bases

5
Key Marketing Zones

7GW
Production Capacity

80+
After-sale Service Sites

100+
Countries Worldwide
Business Footprints

R5-0.7/1/1.5/2/2.5/3K-S1

R5-3/3.6/4/5/6/7/8K-S2

R5 Series

Single Phase Inverter

R5-0.7K/1K/1.5K/2K/2.5K/3K-S1

- Compact and light weight
- APP connection, all data at real time
- Remote maintenance configuration
- Quiet operation, no noise pollution
- External module with screen display
- High reliability, relay redundancy design

Technical Data

Model	R5-0.7K-S1	R5-1K-S1	R5-1.5K-S1	R5-2K-S1	R5-2.5K-S1	R5-3K-S1
Input (DC)						
Max.PV Array Power [Wp]@STC	1050	1500	2250	3000	3250	3600
Max. DC Voltage [V]	450				500	
MPPT Voltage Range [V]	40-425				50-450	
Nominal DC Voltage[V]	360					
Start Voltage [V]	40				50	
Min. DC Voltage [V]	40					
Max. DC Input Current [A]	12.5					
Number of DC Connection Sets per MPPT	1					
Number of MPPT	1					
DC Switch	Integrated (Optional)					
Output (AC)						
Rated AC Power [W]	700	1000	1500	2000	2500	3000
Max. AC Power *1 [VA]	770	1100	1650	2200	2750	3300
Rated AC Current [A]@230Vac	3.1	4.4	6.6	8.7	10.9	13.1
Max. AC Current [A]	3.5	5.0	7.5	10	12.5	15
Nominal AC Voltage/ Range [V]	220,230,240/180-280					
Grid Frequency/ Range [Hz]	50, 60/45-55, 55-65					
Power Factor [cos φ]	0.8 leading~0.8 lagging					
Total Harmonic Distortion [THDi]	< 2%					
Feed-in	L+N+PE					
Efficiency						
Max. Efficiency	97.2%	97.3%	97.4%	97.6%	97.7%	97.8%
Euro Efficiency	96.4%	96.7%	96.8%	97.0%	97.1%	97.2%
MPPT Accuracy	>99.9%					
Protection						
Internal Over-voltage Protection	Integrated					
DC Insulation Monitoring	Integrated					
DC Surge Protection	Integrated					
Grid Monitoring	Integrated					
AC Short Circuit Current Protection	Integrated					
AC Grounding Detection	Integrated					
GFCI Monitoring	Integrated					
DCI Monitoring	Integrated					
AC Surge Protection	Integrated					
Thermal Protection	Integrated					
Anti-island protection monitoring	AFD					
Interface						
DC Connection	MC4					
AC Connection	Plug-in connector					
Human Machine Interface	LED+(bluetooth/Wi-Fi+APP)					
Communication Port	RS232(USB)+RS485（RJ45 ）+DRM					
Communication Mode	Wi-Fi/GPRS/4G(Optional)					
General Data						
Topology	Transformerless					
Consumption at Night [W]	<0.2					
Consumption at Standby [W]	6					
Operating Temperature Range	-40°C to +60°C [45°C to 60°C with derating]					
Cooling Method	Natural Convection					
Ambient Humidity	0-100% Non-condensing					
Altitude	4000m (>3000m power derating)					
Noise [dBA]	<25					
Ingress Protection	IP65					
Mounting	Rear Panel					
Dimensions [H*W*D][mm]	302*289*125					
Weight [kg]	5.2			5.5		
Standard Warranty [Year]	5 (standard)/10/15/20/25 (Optional)					
Applicable Standard	IEC62109-1/2, IEC61000-6-1/2/3/4, EN50438, EN50549, C10/C11, IEC62116, IEC61727, RD1699, UNE 206006, UNE 206007, CEI 0-21, AS4777.2,NBR 16149, NBR 16150 VDE-AR-N 4105					

Remarks: *1 According to C10/C11, Max. AC Power = Rated AC Power

R5-3K/3.6K/4K/5K/6K/7K/8K-S2

Lightning protection
High precision leakage monitoring

Low standby consumption
High efficiency, high yield

APP connection
All data at real time

Remote maintenance
Remote configuration

Quiet generation
No noise pollution

Intelligent & grid-friendly
Active response to grid dispatch

Technical Data

Model	R5-3K-S2	R5-3.6K-S2	R5-4K-S2	R5-5K-S2	R5-6K-S2	R5-7K-S2	R5-8K-S2
Input (DC)							
Max.PV Array Power [Wp]@STC	4500	5400	6000	7500	9000	10500	12000
Max. DC Voltage [V]	600						
MPPT Voltage Range [V]	90-550						
Nominal DC Voltage [V]	360						
Start Voltage [V]	100						
Min. DC Voltage[V]	80						
Max. DC Input Current PV1/PV2 [A]	12.5/12.5					25/12.5	
Number of DC Connection Sets Per MPPT	1/1					2/1	
Number of MPPT	2						
DC Switch	Integrated						
Output [AC]							
Rated AC Power [W]	3000	3680	4000	5000*1	6000	7000	8000
Max. AC Power*2 [VA]	3300	3680	4400	5500	6000	7700	8000
Rated AC Current [A] @230Vac	13.1	16.0	17.4	21.8*3	26.1	30.5	34.8
Max. AC Current [A]	14.4	16.0	19.2	24.0	26.1	33.5	34.8
Nominal AC Voltage/ Range [V]	220,230,240/180-280						
Grid Frequency/ Range [Hz]	50,60/45-55,55-65						
Power Factor [cos φ]	0.8 leading~0.8 lagging						
Total Harmonic Distortion [THDi]	< 2%(at nominal power)						
Feed-in	L+N+PE						
Efficiency							
Max. Efficiency	97.8%	98.0%	98.0%	98.1%	98.2%	98.2%	98.3%
Euro Efficiency	97.2%	97.5%	97.5%	97.6%	97.6%	97.7%	97.8%
MPPT Accuracy	>99.9%						
Protection							
Internal Over-voltage Protection	Integrated						
DC Insulation Monitoring	Integrated						
DC Surge Protection	Integrated						
Grid Monitoring	Integrated						
AC Short Circuit Current Protection	Integrated						
AC Grounding detection	Integrated						
GFCI Monitoring	Integrated						
DCI Monitoring	Integrated						
AC Surge Protection	Integrated						
Thermal Protection	Integrated						
Anti-island Protection Monitoring	AFD						
Interface							
DC Connection	MC4						
AC Connection	Plug-in connector					Terminal Block	
Human Machine Interface	LED + (bluetooth/Wi-Fi+APP)						
Communication Port	RS232(USB joints)+RS485(RJ45 crystal joints)						
Communication Mode	Wi-Fi / GPRS / 4G(Optional)						
General Data							
Topology	Transformerless						
Consumption at Night [W]	<0.2						
Consumption at Standby [W]	6						
Operating Temperature Range	-40°C to +60°C (running in reduced load condition when the temperature is above 45°C)						
Cooling Method	Natural Convection						
Ambient Humidity	0-100% Non-condensing						
Altitude	4000m (>3000m power derating)						
Noise [dBA]	<25						
Ingress Protection	IP65						
Mounting	Rear Panel						
Dimensions [H*W*D][mm]	389*367*143					429*418*177	
Weight [kg]	12.2					18	
Standard Warranty [Year]	5 (standard)/10/15/20/25 (Optional)						
Applicable Standard	IEC62109-1/2,IEC61000-6-1/2/3/4,EN50438,C10/C11,IEC62116,IEC61727,RD1699,UNE 206006, UNE 206007,CEI 0-21,AS4777.2,NBR 16149, NBR 16150,VDE-AR-N 4105						

Remarks: *1 According to VDE - ARN - N 4105, Rated AC Power for R5-5K-S2 is 4600VA; According to AS4777, Rated AC Power for R5-5K-S2 is 4999VA.
*2 According to C10/C11, Max. AC Power = Rated AC Power
*3 According to VDE - ARN - N 4105, Rated AC Current for R5-5K-S2 is 20A; According to AS4777, Rated AC Current for R5-5K-S2 is 21.7A.

R5-3/4/5/6/8/9/10/12K-T2

R5-13/15/17/20K-T2

R5 Series

Three Phase Inverter

R5-3K/4K/5K/6K/8K/9K/10K/12K-T2

Lightning protection
High precision leakage monitoring

Low standby consumption
High efficiency, high yield

APP connection
All data at real time

Remote maintenance
Remote configuration

Quiet generation
No noise pollution

Intelligent & grid-friendly
Active response to grid dispatch

Technical Data

Model	R5-3K-T2	R5-4K-T2	R5-5K-T2	R5-6K-T2	R5-8K-T2	R5-9K-T2	R5-10K-T2	R5-12K-T2
Input (DC)								
Max.PV Array Power [Wp]@STC	4500	6000	7500	9000	12000	13500	15000	15600
Max. DC Voltage [V]	1100							
MPPT Voltage Range [V]	160-950							
Nominal DC Voltage[V]	600							
Start Voltage [V]	180							
Min. DC Voltage [V]	150							
Max. DC Input Current [A]	12.5/12.5							
Number of DC Connection Sets per MPPT	1/1							
Number of MPPT	2							
DC Switch	Integrated							
Output (AC)								
Rated AC Power [W]	3000	4000	5000	6000	8000	9000	10000	12000
Max. AC Power*[VA]	3300	4400	5500	6600	8800	9900	11000	12000
Rated AC Current [A]@230Vac	4.4	5.8	7.3	8.7	11.6	13.1	14.5	17.4
Max. AC Current [A]	5.0	6.7	8.4	10.0	13.4	15.0	16.7	18.2
Nominal AC Voltage/ Range [V]	220/380, 230/400, 240/415; 180-280/312-485							
Grid Frequency/ Range [Hz]	50, 60/45-55, 55-65							
Power Factor [cos φ]	0.8 leading~0.8 lagging							
Total Harmonic Distortion [THDi]	<2%(at nominal power)							
Feed-in	3L+N+PE							
Efficiency								
Max. Efficiency	98.0%	98.3%	98.3%	98.3%	98.6%	98.6%	98.6%	98.6%
Euro Efficiency	97.6%	98.0%	98.0%	98.0%	98.2%	98.2%	98.3%	98.3%
MPPT Accuracy	> 99.5%							
Protection								
Internal Over-voltage Protection	Integrated							
DC Insulation Monitoring	Integrated							
DC Surge Protection	Integrated							
Grid Monitoring	Integrated							
AC Short Circuit Current Protection	Integrated							
AC Grounding Detection	Integrated							
GFCI Monitoring	Integrated							
DCI Monitoring	Integrated							
AC Surge Protection	Integrated							
Thermal Protection	Integrated							
Anti-island protection monitoring	AFD							
Interface								
DC Connection	MC4							
AC Connection	Plug-in connector							
Human Machine Interface	LED+(bluetooth/Wi-Fi+APP)							
Communication Port	RS232(USB joints)+RS485(RJ45 crystal joints)							
Communication Mode	Wi-Fi/GPRS/4G(Optional)							
General Data								
Topology	Transformerless							
Consumption at Night [W]	<0.6							
Consumption at Standby [W]	<10							
Operating Temperature Range	-40°C to +60°C (running in reduced load condition when the temperature is above 45°C)							
Cooling Method	Natural Convection							
Ambient Humidity	0-100% Non-condensing							
Altitude	4000m (>3000m power derating)							
Noise [dBA]	<29							
Ingress Protection	IP65							
Mounting	Rear Panel							
Dimensions [H*W*D][mm]	429*418*177							
Weight [kg]	19							
Standard Warranty [Year]	5 (standard)/10/15/20/25 (Optional)							
Applicable Standard	IEC62109-1/2, IEC61000-6-1/2/3/4, EN50438, C10/C11, IEC62116, IEC61727, RD1699, UNE 206006, UNE 206007, CEI 0-21, CEI 0-16, NBR 16149, NBR 16150, G98, G99							

Remarks:*[1]According to C10/C11, Max. AC Power = Rated AC Power

R5-13K/15K/17K/20K-T2

Lightning protection
High precision leakage monitoring

Low standby consumption
High efficiency, high yield

APP connection
All data at real time

Remote maintenance
Remote configuration

Quiet generation
No noise pollution

Intelligent & Grid-friendly
Active response to grid dispatch

Technical Data

Model	R5-13K-T2	R5-15K-T2	R5-17K-T2	R5-20K-T2
Input (DC)				
Max.PV Array Power [Wp]@STC	19500	22500	25500	30000
Max. DC Voltage [V]	1100			
MPPT Voltage Range [V]	160-950		180-950	
Nominal DC Voltage[V]	600			
Start Voltage [V]	180		200	
Min. DC Voltage [V]	160		180	
Max. DC Input Current [A]	25/12.5		25/25	
Number of DC Connection Sets per MPPT	2/1		2/2	
Number of MPPT	2			
DC Switch	Integrated			
Output (AC)				
Rated AC Power [W]	13000	15000	17000	20000
Max. AC Power*1 [VA]	14300	16500	18700	22000
Rated AC Current [A]@230Vac	18.9	21.8	24.7	29.0
Max. AC Current [A]	21.7	25.0	28.4	33.4
Nominal AC Voltage/ Range [V]	220/380, 230/400, 240/415; 180-280/312-485			
Grid Frequency/ Range [Hz]	50, 60/45-55, 55-65			
Power Factor [cos φ]	0.8 leading~0.8 lagging			
Total Harmonic Distortion [THDi]	<2%(at nominal power)			
Feed-in	3L+N+PE			
Efficiency				
Max. Efficiency	98.7%	98.7%	98.8%	98.8%
Euro Efficiency	98.4%	98.4%	98.46%	98.46%
MPPT Accuracy	> 99.5%			
Protection				
Internal Over-voltage Protection	Integrated			
DC Insulation Monitoring	Integrated			
DC Surge Protection	Integrated			
Grid Monitoring	Integrated			
AC Short Circuit Current Protection	Integrated			
AC Grounding Detection	Integrated			
GFCI Monitoring	Integrated			
DCI Monitoring	Integrated			
AC Surge Protection	Integrated			
Thermal Protection	Integrated			
Anti-island protection monitoring	AFD			
Interface				
DC Connection	MC4			
AC Connection	Terminal Block			
Human Machine Interface	LED+(bluetooth/Wi-Fi+APP)			
Communication Port	RS232(USB joints)+RS485(RJ45 crystal joints)			
Communication Mode	Wi-Fi/GPRS/4G(Optional)			
General Data				
Topology	Transformerless			
Consumption at Night [W]	<0.6			
Consumption at Standby [W]	<10			
Operating Temperature Range	-40°C to +60°C (running in reduced load condition when the temperature is above 45°C)			
Cooling Method	Natural Convection			
Ambient Humidity	0-100% Non-condensing			
Altitude	4000m (>3000m power derating)			
Noise [dBA]	<29			
Ingress Protection	IP65			
Mounting	Rear Panel			
Dimensions [H*W*D][mm]	480*440*200		530*490*210	
Weight [kg]	26		29	
Standard Warranty [Year]	5 (standard)/10/15/20/25 (Optional)			
Applicable Standard	IEC62109-1/2, IEC61000-6-1/2/3/4, EN50438, C10/C11, IEC62116, IEC61727, RD1699, UNE 206006, UNE 206007, CEI 0-21, CEI 0-16, NBR 16149, NBR 16150, G98, G99			

Remarks:*1 According to C10/C11, Max. AC Power = Rated AC Power

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

Suntrio Plus Series

Three Phase Inverter

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

Safe & Reliable
IP65 protection
DC&AC surge protection

Flexible & Efficient
MPPT efficiency 99.9%
Three MPPT for optimal yield
Super wide input voltage range

Smart & Easy to Use
Remote maintenance
Integrated string current monitoring

Convenient Installation
Aluminum case design
Separate area for maintenance

Technical Data

Model	Suntrio Plus 25K	Suntrio Plus 30K	Suntrio Plus 33K	Suntrio Plus 40K	Suntrio Plus 50K	Suntrio Plus 60K
Input (DC)						
Max.PV Array Power [Wp]@STC	37500	40000	40000	60000	65000	78000
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
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]	25000	30000*1	30000	40000	50000	60000
Max. AC Power *2[VA]	27500	30000	33000	44000	55000	60000
Rated AC Current [A] @230Vac	37.9	43.5	45.5	58.0	72.5	87.0
Max. AC Current [A]	42.0	50.0	50.0	65.0	80.0	90.0
Nominal AC Voltage/ range	3/N/PE, 220/380V, 230/400V, 240/415V; 180V-280V/312V-485V					
Grid Frequency / range	50Hz, 60Hz / 44Hz-55Hz, 54-65Hz					
Power Factor [cos φ]	0.8 leading~0.8 lagging					
Total Harmonic Distortion (THDi)	< 3% (at nominal power)					
Feed-in	3L+N+PE					
Efficiency						
Max. Efficiency	98.6%	98.8%	98.8%	98.8%	98.8%	98.9%
Euro Efficiency (@ 600Vdc)	98.4%	98.5%	98.5%	98.5%	98.5%	98.6%
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 derating ）					
Noise [dBA]	<35					
Ingress Protection	IP65（Indoor & Outdoor Installation）					
Mounting	Rear Panel					
Dimensions (H*W*D) [mm]	700*530*260			800*550*280		
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					

Remarks: *1 According to AS4777, Rated AC Power for Suntrio Plus 30K is 29999VA.
*2 According to C10/C11, Max. AC Power = Rated AC Power

eSolar GPRS/WiFi-D/4G/AIO3 (R5)

eSolar GPRS/WiFi/Ethernet (Plus)

eSolar SEC

DDSU666/DTSU666

Data Collector & Smart Meter

Data Collector (For R5 Series Inverters)

Model	eSolar AIO3	eSolar WiFi-D	eSolar 4G	eSolar GPRS
General parameters				
Connecting inverters No. [Pcs]	1			
Inverter communication port	USB			
Communication	Wi-Fi/Ethernet/Bluetooth	Wi-Fi	4G/Bluetooth	GPRS/Bluetooth
Operating frequency	2.4Ghz	2.4Ghz	LTE-TDD , LTE-FDD	850/900/1800/1900Mhz
Data collection interval [min]	0.5~30 [Optional] , 5 [Standard]	1~30 [Optional] , 10 [Standard]		
Firmware update method	Serial port / Remote			
Access data method	Integrated webpage / Remote sever			
Display	OLED+LED	OLED+LED	LED	LED
Electrical parameters				
Input voltage	DC 5~7V (±5%)			
Static consumption [W]	<0.3	<1	<0.25	<0.25
Max . instant consumption [W]	<8	<8	<18	<15
Environment				
Operating temperature range	-40℃~+60℃	-40℃~+85℃	-25℃~+75℃	-25℃~+75℃
Storage temperature range	-45℃~+70℃	-45℃~+90℃	-40℃~+90℃	-40℃~+90℃
Dimensions [H*W*D][mm]	145*50*41	125*50*41	125*53*31	125*53*31
Weight [g]	100	80	87	87
Ingress protection	IP65			
Others				
Mounting method	Plug-in + Screw lock			
Warranty [Year]	2			

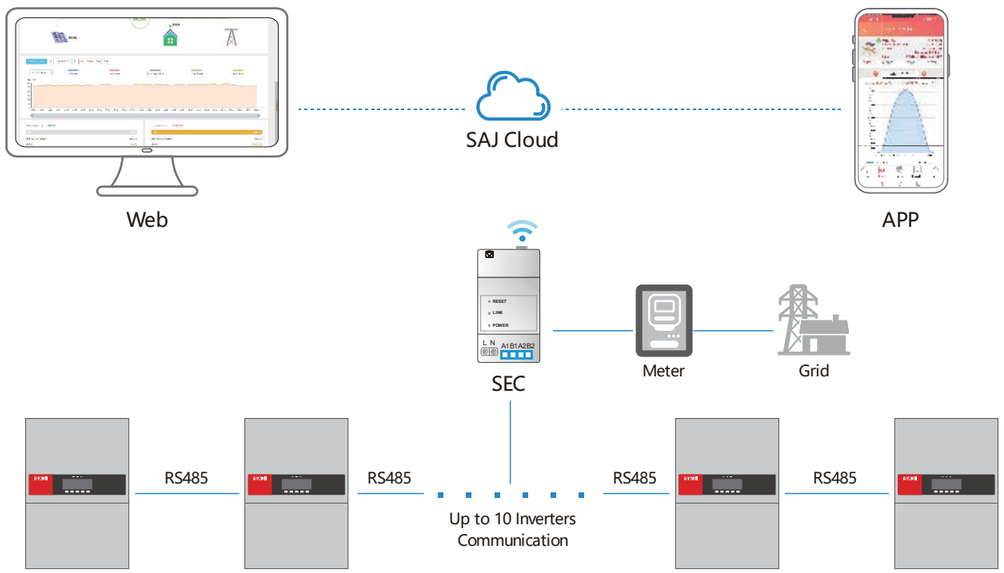
Data Collector (For Plus Series Inverters)

Model	eSolar WiFi	eSolar Ethernet	eSolar GPRS
General parameters			
Connecting inverters No . [Pcs]	1		
Inverter communication port	RS232		
Communication	Wi-Fi	Ethernet	GPRS
Operating frequency	2.4Ghz		850/900/1800/1900Mhz
Communication distance [m]	100		
Data collection interval [min]	1~30 [Optional] , 10 [Standard]		
Firmware update method	Serial port / Remote		
Access data method	Integrated Webpage / Remote sever		
Display	2*LED	3*LED	2*LED
Electrical parameters			
Input voltage	DC 5V (±5%)		
Static consumption [W]	<1	<0.6	<1
Max . instant consumption [W]	<8	<2	<10
Environment			
Operating temperature range	-40℃~+85℃		
Storage temperature range	-45℃~+90℃		
Dimensions [H*W*D][mm]	84*65*22	116*65*27	84*65*22
Weight [g]	80	84	80
Ingress protection	IP65		
Others			
Mounting method	Plug-in + Screw lock		
Warranty [Year]	2		

eSolar SEC

- **10** Up to 10 Inverters Communication
- Bluetooth / Wi-Fi / Ethernet Connection Diversified
- Mono / Three Phase Available
- Rail Mounting

System Diagram

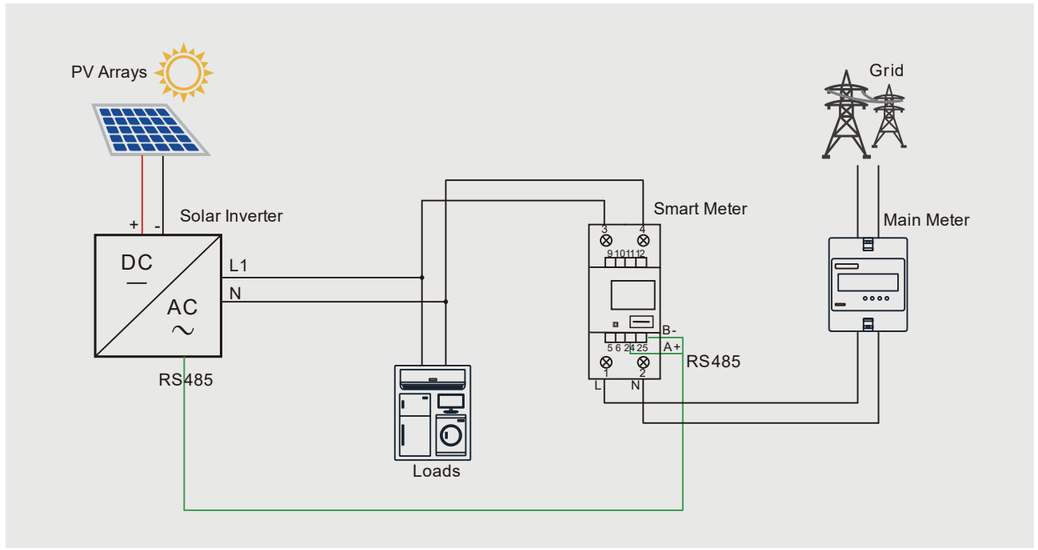


Model	eSolar SEC
General parameters	
Application	Commercial Projects Monitoring
Max. No. of Connected Devices	10
Communication	WiFi / Ethernet/ Bluetooth / RS485
Data Collection Interval [min]	1~30 [Optional], 10 [Standard]
Firmware Update Method	Serial Port / Remote
Data Access Method	APP / Web / Sever
Display	LED
Electrical parameters	
Input Voltage	100-240Vac
Input Frequency	50/60Hz
Static Power [W]	<0.8
Max. Instantaneous Power [W]	<5
Enviromental	
Operating Temperature Range	-25℃~+60℃
Storage Temperature Range	-30℃~+70℃
Dimensions (H*W*D) [mm]	84.4*36*65.5
Weight [g]	600
Ingress Protection	IP20
Others	
Mounting	Rail
Warranty [year]	2
Certification	CE RoHs

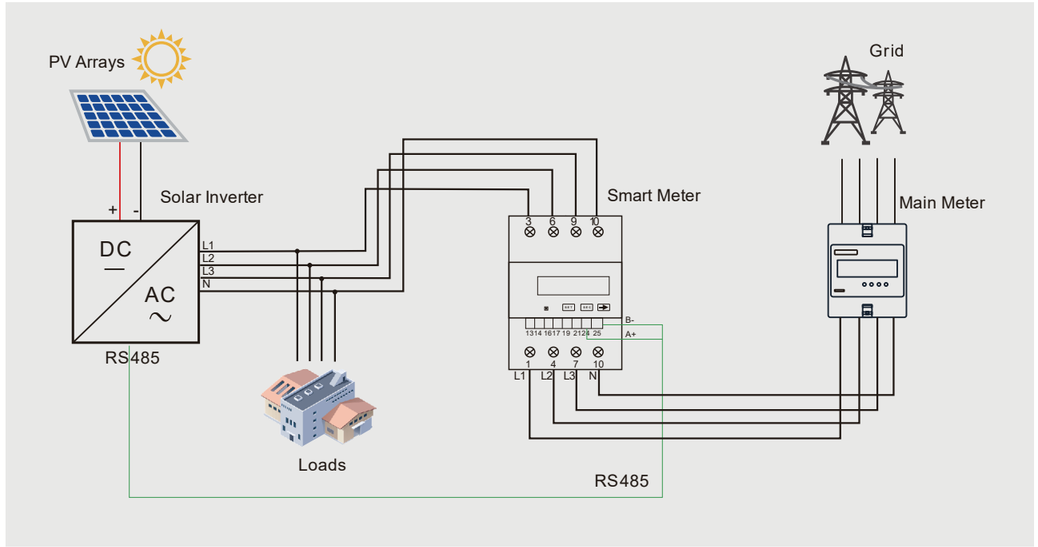
eSolar SEC is compatible with R5 series and Suntrio Plus series.

Zero Export Solution

Zero export solution aims to prevent solar systems from exporting excess power into grid, to ensure the quality and waveform of voltage subject to standards of local authorities.
SAJ provides zero export solution to meet emerging technical requirements and various applications on sites.



Smart meter measures and calculates the system electrical parameters and interacts with inverter for energy management and zero export control purpose.



Smart Meters

Wi-Fi monitoring & export limitation | Plug-in connection RS485 wired communication | Zero-export & real-time adjustment | App available real-time monitoring | Remote control support

Model	DDSU666	DTSU666
Electrical parameters		
Application	Single phase	Three phase
Nominal voltage [V]	220,230,240	3×220/380
Operating range	0.7~1.2 Un	0.7~1.2 Un
Max. current [A]	80	80
Frequency/Range [Hz]	50,60/±5	50,60/±5
Power consumption [W]	≤1	≤1
Max. instant consumption [VA]	≤5	≤5
General parameters		
Display	LCD	LCD
Communication	RS485	RS485
Operating temperature range	-40°C~60°C	-40°C~60°C
Ambient humidity	0-95% Non-condensing	0-95% Non-condensing
Ingress protection	IP54	IP54
Installation method	mounting rack	mounting rack
Dimensions [H*W*D][mm]	98*36*65	98*72*65
Weight [g]	200	400
Applicable standard	CE, ROHS	CE, ROHS

Both internal CT meter and external CT are available

eSolar Portal

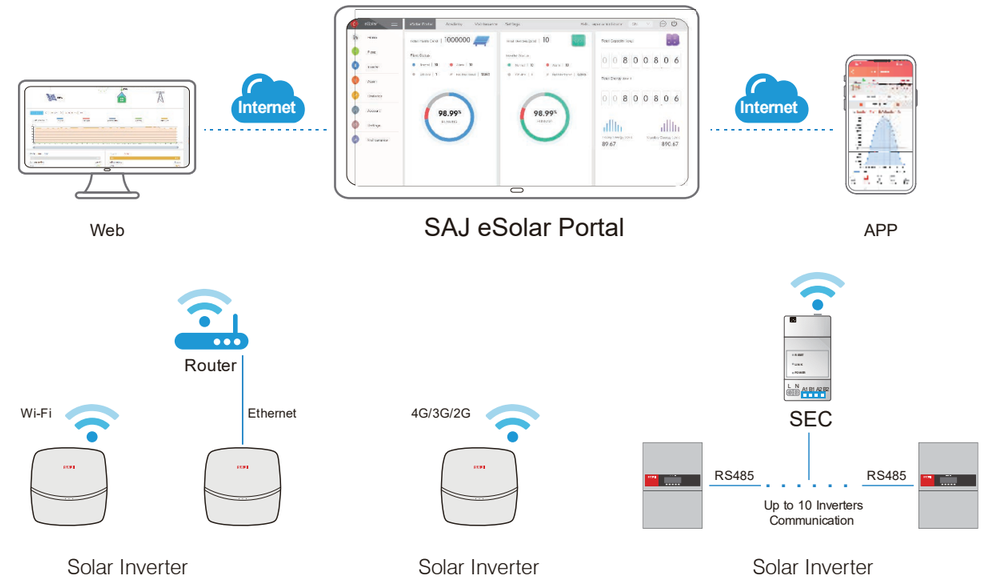
SAJ eSolar Portal

Data monitoring, Remote maintenance & Energy management

Smart Operation & Management

- Data exportable
- Alarm notification
- Data visualization
- PV plant(s) shareable
- 24H real time data reading
- Remote setting & monitoring
- PV plants & devices detection
- Single / multiple plants monitoring available

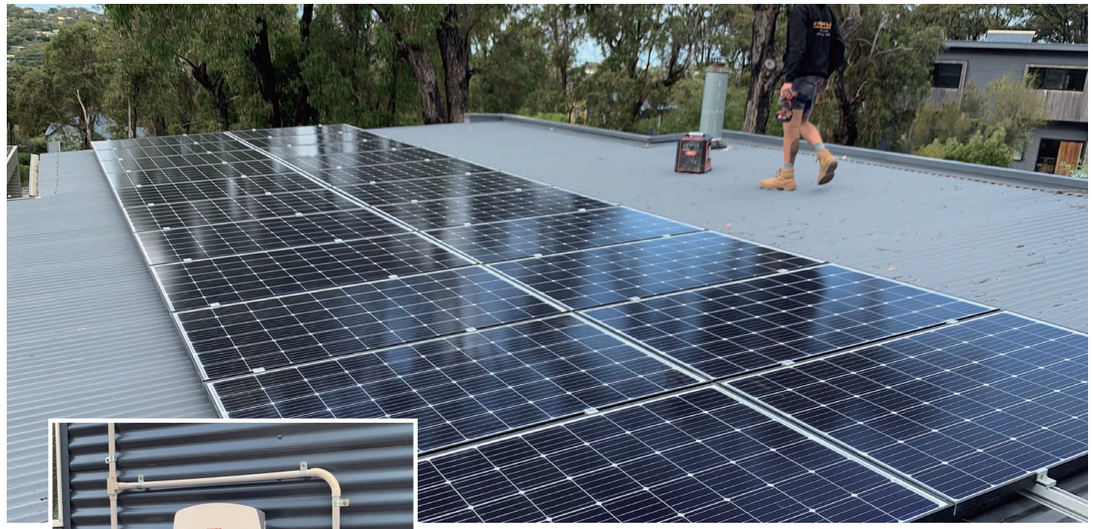
Networking



SAJ eSolar Portal

Category	Function	eSolar Web	eSolar O&M	eSolar Air
Homepage	Plant Overview	●	●	●
	Indicator	●	●	●
Plants Management	PV Plants List	●	●	●
	Add Plant	●	●	●
	Share Plant	●	●	●
	Load Monitoring	●	●	●
Devices Management	Devices List	●	●	●
	Device Details	●	●	●
	Remote Parameter Setting		●	●
Alarm Management	Alarm List	●	●	●
	Alarm Details	●	●	●
Statistics & Analysis	Plants Report	●		
	Devices Statistics	●		
	Alarm Statistics	●		
	Visualized Dashboard	●		
Homepage of Single Plant	Power Monitoring	●	●	●
	Power Statistics	●	●	●
	Visualized Draft	●	●	●
User Mangement	Account Management	●	●	●
Device Setting	Bluetooth Connection Setting		●	●
	WiFi Connection Set Up		●	●
	Cloud Connection Setting		●	●
Designer	Designs List	●		
	Plant Design	●		
Demo	Demo Site	●	●	●

Rooftop Solar Solutions



5kWp

Inverters: R5-5K-S2
Location: Australia

8kWp

Inverters: R5-8K-S2
Location: Mexico

17kWp

Inverters: R5-17K-T2
Location: Sweden

20kWp

Inverters: R5-20K-T2
Location: Portugal

Small & Medium-sized Commercial Solar Solutions

100kWp

Inverters: 8* R5-12K-T2
Location: Conghua, China

400kWp

Inverters: 37* R5-12K-T2
Location: Guangzhou, China

Small & Medium-sized Commercial Solar Solutions

1.12MWp

Inverters: 20* Suntrio Plus 20K/50K/60K
Location: Foshan, China

1.2MWp

Inverters: 20* Suntrio Plus 60K
Location: Foshan, China