



Inverter Soleil SRT series

High efficiency, reliability, ease of installation and use are the qualities that have positioned the new range of SIEL inverters among the most innovative products in the photovoltaic industry.

Soleil SRT series is distinguished thanks to the multilevel and transformerless technology. Wider Voltage range on both DC and AC side for big PV plants and industrial installation.

FEATURES:

- Built-in Wifi
- High performance DSP for algorithm control
- Compliant to many grid codes
- New design
- Multi-button touch interface

ADVANTAGES:

- Plug and play
- Easy transportation and installation
- Adjustable active and reactive power
- Max efficiency up to 99%,
- Euro efficiency up to 98,4%

BENEFITS:

- More stable and reliable
- New monitoring solution
- Saving storage and installation space
- Higher inverter control accuracy
- Meet the latest certification and regulations



TECHNICAL DATA

Model	Soleil SRT 3K	Soleil SRT 5K	Soleil SRT 20K	Soleil SRT 30K	Soleil SRT 50K	Soleil SRT 60K	Soleil SRT 100K	Soleil SRT 125K
INPUT PARAMETERS								
Operating MPPT Voltage Range	100-500Vdc		180-850Vdc		300-850Vdc		500-850Vdc	
Starting Voltage	120Vdc		150Vdc		250Vdc		250Vdc	
Max DC Voltage	600Vdc		1000Vdc					
Number of MPPT	2	2	2	3	4	5	9	9
No.of PV strings per MPPT	1	2	2	2	2	2	2	2
Current cad MPPT Imp	15	15	30	30	32	32	30	30
OUTPUT PARAMETERS								
Nominal AC Power	3000W	5000W	20kW	30kW	50kW	60kW	100kW	125kW
Max. AC Power	3300VA	5500VA	22kVA	33kVA	55kVA	66kVA	110kVA	137,5kVA
Nominal AC Current	13A	21,7A	28,9A	43,7A	72,4A	86,9A	144,9A	180,6A
AC Voltage	1 ph 220/230/240V		3ph 380/400/415V					
Frequency	50/60Hz							
GENERAL FEATURES								
Max efficiency	98,1%		98,5%	98,6%	99%	99%	98,7%	98,7%
European efficiency	97,7%		98%	98,2%	98,4%	98,45%	98,5%	98,5%
Communication	RS485 Modbus / WiFi							
Dimensions (WxHxD)	360x420 x125mm		460x420 x182mm	550x480 x200mm	650x560 x260mm		1030x610 x345mm	
Weight	12,5kg		17kg	27kg	40kg		80kg	
Protection Degree	IP 65		IP66					
Cooling Concept	Natural convection		Intelligent forced air cooling					
Operating temp.	-25°C / +60°C (<45°C -> Max Power AC)		-25°C / +60°C	-25°C / +60°C			-25°C / +60°C	
Surge protection	YES (DC and AC)							
AC short circuit protection	YES							
Dc Switch	YES							
Standard	EN62109-1, EN62109-2, EN 61000-6-4; Low Voltage Directive 2014/35/EU VDE-AR-N-4105,VDE 0126-1-1, RD1699, C10/11, G83/2, UTE C15-712-1, AS4777, CEI 0-21, CEI 0-16							

*In the interests of product improvement SIEL reserves the right to change specifications without notice



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