



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 100K
INPUT PARAMETERS						
Operating MPPT Voltage Range	100-500Vdc		200-950Vdc	300-1000Vdc		500-1000Vdc
Starting Voltage	120Vdc		200Vdc	300Vdc		250Vdc
Max DC Voltage	600Vdc		1000Vdc	1100Vdc		
Number of MPPT	2	2	2	2	4	9
No.of PV strings per MPPT	1	2	2	3	3	2
OUTPUT PARAMETERS						
Nominal AC Power	3000W	5000W	20kW	30kW	50kW	100kW
Max. AC Power	3300VA	5500VA	22kVA	33kVA	55kVA	110kVA
Nominal AC Current	13A	21,7A	24,6A	45,6A	75,9A	144,3A
AC Voltage	220/230/240V			380/400/415V		
Frequency	50/60Hz					
GENERAL FEATURES						
Max efficiency	98,1%		98,6%	98,5%	99,0%	98,8%
European efficiency	97,7%		98,3%	98,3%	98,4%	98,4%
Communication	RS485 / WiFi		RS485 / WiFi			
Dimensions (WxHxD)	360x420 x125mm		480x420 x180mm	600x860 x294mm		1030x610 x345mm
Weight	12,5kg		25kg	68kg		90kg
Protection Degree	IP 65					IP66
Cooling Concept	Natural convection		Forced air			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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