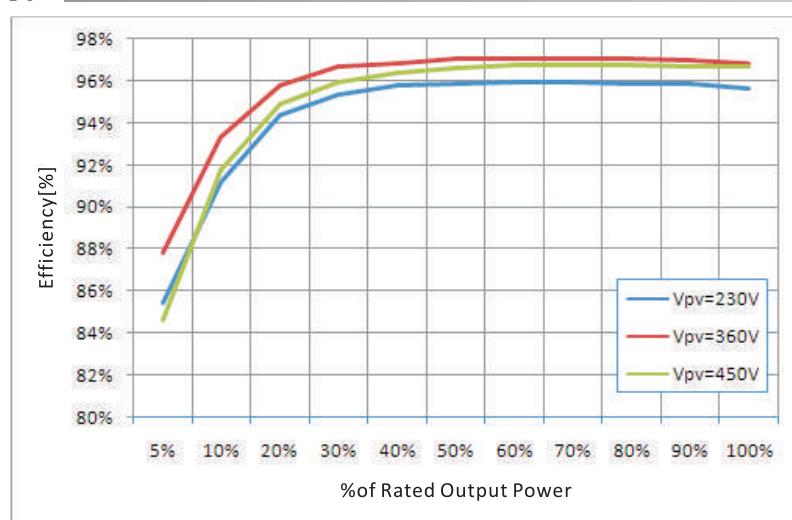


# VEICHI SOLAR INVERTER 1-Phase String Inverter

» 1100TL/1600TL/2200TL/2700TL/3000TL



»



## High-yield

- Max 97.2% efficiency
- Real time precise MPPT algorithm for max harvest
- Wide input voltage operation range

## All in one, flexible and economical system solution

- Free site selection due to IP65
- Easy installation and maintenance due to "Plug & Play" connection
- Interface selection – Wi-Fi / RS485 / GPRS
- 4"LCD display

## Low maintenance cost

- Detachable cover for easy installation
- Rust-free Aluminum covers
- Flexible monitoring solution
- Multi function relay can be configured to show various inverter information

## Intelligent grid management

- Reactive power capability
- Self power reducer when over frequency
- Remote active/reactive power limit control

# VEICHI SOLAR INVERTER 1-Phase String Inverter

» 1100TL/1600TL/2200TL/2700TL/3000TL

Technical Data	SIS 1100TL	SIS 1600TL	SIS 2200TL	SIS 2700TL	SIS 3000TL
<b>Input(DC)</b>					
Max.Input Power	1100W	1600W	2200W	2700W	3000W
Number of MPPT/String per MPPT			1/1		
Max. input voltage	450V		500V		550V
Start-up input voltage	100V			120V	
Rated input voltage			360V		
MPPT voltage range	80-450 V		100-500 V		100-550 V
Full load DC voltage range	110-450 V	165-450 V	170-500 V	200-500 V	
Max. input current	10A		13A	13.5A	15A
<b>Output(AC)</b>					
Rated Power	1000VA	1500VA	2000VA	2500VA	2900VA
Max.AC Power	1000VA	1500VA	2000VA	2500VA	2900VA
Max.AC Output Current	4.5A	7A	9.5A	11.5A	13A
Nominal Grid Voltage			230V		
Grid Voltage Range			180~270 V(According to local standard)		
Nominal Frequency			50/60Hz		
Grid frequency Range			47~53 / 57~63Hz (According to local standard)		
THDi			<3%		
Power factor			1 ( adjustable +/-0.8)		
Grid connection			Single phase		
Power Limit export			Zero export or adjustable power limit export		
<b>Efficiency</b>					
Max.efficiency		97%		97.1%	97.2%
Euro efficiency	95.2%	95.9%	96.1%	96.4%	96.5%
MPPT adaptation efficiency			>99.5%		
<b>Standard</b>					
EMC			EN 61000-6-1,EN 61000-6-2,EN 61000-6-3,EN 61000-6-4		
Safety standards			IEC 62109-1,IEC 62109-2		
Grid standards			AS 4777, VDE V 0124-100, VDE V 0126-1-1, VDE-AR-N 4105, EN50438, G83/2, C10/11, RD1699		
<b>Protection</b>					
Anti-Islanding Protection			Yes		
DC Reverse Polarity Protection			Yes		
Over Temp Protection			Yes		
Leakage Current Protection			Yes		
Over Voltage Protection			Yes		
Over Current Protection			Yes		
Earth Fault Protection			Yes		
<b>Communication</b>					
Standard Communication Mode			wifi,RS485,GPRS(optional),SD card		
Operation Data Storage			25 years		
I/O			Yes		
<b>General Date</b>					
DC Switch			optional		
Ambient temperature range			-25°C...+60°C		
Topology			Transformerless		
Cooling			Natural		
Allowable relative humidity range			0...95% no condensing		
Max.operating altitude			2000m		
Noise			<25db@1m		
Degree of Protection(per IEC 60529)			IP65		
Dimension			405*314*135mm		
Weight	11kg			12kg	
Self-consumption at night			<1w		
Display			LCD display		
Warranty			5 years		