



India's 1st Solar PV Inverter with Latest Standards & Modern Technology



Redefining the **Solar World**
with Sustainable & Reliable
Solar Inverter.



#startupindia



**AatmaNirbhar
Bharat Abhiyan**



OUR STORY

Vsole is a start-up company formed by an experienced bunch of skilled professionals. Our Team has come together to build top notch Solar based products to meet the needs of current industry. We have successfully developed Solar grid-tie inverter & Hybrid Inverters for Solar industry those are totally reliable, easy to care, user friendly with unbreakable sustainability. We have established the corporate office in Surat, Gujarat popularly known as Solar-city of INDIA and established State of Art facility in the state of GUJARAT which is the hub of Solar business in INDIA. Our Team has a total experience of more than **12 years** in the field of Solar Energy that put us in unique position to provide end to end customised solution to our user's satisfaction.

With a strong belief in "**Make in India**", Vsole's mission is to bring India made solar inverters to promote pollution free climate all around the world.



OUR VISION

Our vision is to cement a place for ourselves by being the part of this solar energy drive to take India to a next level.



OUR MISSION

Our mission is to fill the gaps in Indian solar industry by providing the most reliable & carefree product at an affordable price with long product life.



WHY **VSOLE**

Below mentioned unique features makes our Inverter suitable for "EVERYONE"

Affordable

So more and more people could use them and get clean energy.

Reliable

Our products are made from high grade components to work tirelessly, also they are supported by longer & unique warranty terms.

Sustainable

We understand Inverters upto chip & component level, which stand us apart from the rest in the solar industry.

Dependable

We are driven by a simple idea: "**SOLAR IS FOR EVERYONE**". The future of energy is in Solar energy industry, we plan to fulfill the demands of industry by providing best experience through our product & Services to our distributors, dealers, EPCs players and end users. Our complete local presence across India makes us more **dependable & trustable**.

OUR **USP**



Cost effective & compact design.



24 hours remote service support.



Easy approach & reachability for EPC companies & end users in India.



R&D DEPARTMENT

Our R&D team drives innovation, developing cutting-edge technology for improved inverter efficiency. We focus on future-ready solutions to meet evolving energy needs.

ASSEMBLING DEPARTMENT

Our skilled team ensures precision in assembling every solar inverter, meeting the highest standards of quality and reliability. Each unit is meticulously crafted for optimal performance and longevity.



HIGH VOLTAGE TEST

Safety and resilience are paramount as we expose inverters to high voltage to ensure they withstand extreme electrical conditions. Our tests certify protection against potential hazards.

AGING TEST

We simulate real-world conditions to rigorously test the durability and performance of inverters over time. This ensures our products deliver consistent energy efficiency throughout their lifecycle.





HEAT RUN TEST

We conduct heat run tests to monitor inverter performance under prolonged high-temperature conditions. This ensures our products maintain efficiency and reliability, even in extreme climates.

ATE TEST

Automated Test Equipment (ATE) ensures that every inverter meets stringent functional requirements through advanced, high-speed testing. We guarantee flawless performance before market release.



IP65 TEST

We subject inverters to rigorous IP65 testing, ensuring resistance against dust and water, making them ideal for outdoor installations. Our products are built to thrive in challenging environments.



DEDICATED SERVICE TEAM

Our nationwide service team is always ready to provide timely support, ensuring smooth operation and satisfaction. We believe in delivering exceptional after-sales care across India.



OUR PRODUCTS



Grid Tie Inverter
Single Phase



Grid Tie Inverter
Three Phase



Hybrid Inverter
Single Phase



Hybrid Inverter
Three Phase LV & HV

GRID TIE INVERTER – SINGLE PHASE

VS (101S –602S) 1.0 KW–6.0 KW

- DC overloading upto 10%.
- High DC/AC ratio for more yields.
- Max. DC input current per string; compatible upto 800WP solar panel.
- H - bridge & T-type three-level topology & enhanced SPWM (Space Pulse Width Modulation).
- Special external colour with Epoxy Novolac coating for better Heat Management.
- Wide Input Range; Low Voltage start-up of 80V.
- Compact and light weight design for an easy Installation
- Multiple MPPT Design with IDA Technology (Intelligent Disturbance Algorithm).
- Multiple Protections on AC and DC side in the inverter.
- Fan-less natural cooling models.
- RS485, remote monitoring (Wi-Fi/GPRS)
- User friendly Web and Mobile App Monitoring
- Zero export enabled models (External CT required).





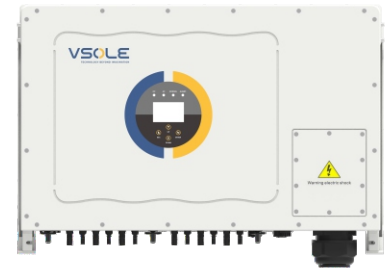
GRID TIE INVERTER - SINGLE PHASE

CAPACITY (KW)	1	2	3	3.4	3.6	4.2	4.7	5	5.4	6
MODEL NUMBER	VS-101S	VS-201S	VS-301S	VS-341S	VS-361S	VS-422S	VS-472S	VS-502S	VS-542S	VS-602S
INPUT (DC)										
Max.DC input power (KW)	1.1	2.2	3.3	3.7	3.9	4.6	5.1	5.5	5.9	6.6
Max. DC I/P (Vdc)	550V									600V
Max. MPPT I/P Current (A)	20A									
MPPT Short Circuit Current (A)	30A									
MPPT Tracking Voltage (Vdc)	70-550V					80-550V				80-600V
Start-Up Voltage (V)	80V									
Number of MPPT Tracker	1					1/2				
Strings per MPPT Tracker	1									
OUTPUT (AC)										
Rated output power (KW)	1	2	3	3.4	3.6	4.2	4.7	5	5.4	6
Rated Grid Voltage (V)	230V									
Voltage Operating Range (V)	0.85Un - 1.1Un									
Rated Grid freq. (Hz) / Range	50Hz (± 5%)									
Rated output current AC (A)	4.8	9.6	14.3	16.2	17.2	20	22.5	23.5	25.8	28.7
AC Connection	P + N + PE									
THDI (%)	<3%									
Output Power factor	0.8 leading to 0.8 lagging									
EFFICIENCY										
Max. conversion Efficiency (%)	97.5%									
Max. Euro Efficiency (%)	97.3%									
MPPT Efficiency (%)	>99%									
PROTECTION										
Anti-Islanding Protection	YES									
DC Reverse Polarity Protection	YES									
Insulation Resistance Protection	YES									
Ground Fault Protection	YES									
Output Over Current Protection	YES									
Output Short circuit Protection	YES									
Output Over Voltage Protection	YES									
DC Isolator Switch	NO									
Surge Protection	DC: Type II / AC: Type II									
GENERAL DATA										
Dimensions (W*H*D) mm	280W*310H*184D						305W*280H*180D			
Weight (Kg)	6.35						7.8			
Topology	Transformerless									
Noise Emission (dB)	≤25dB									
Display	LED with LCD Display									
Cooling Method	Natural Cooling									
Operating ambient Temperature	(-25°C ~ +65°C)									
Operating Humidity	0% - 100%									
Max. Operating Altitude (m)	2000m (>2000m Derating)									
Ingress Protection	IP65									
Standard Warranty	10 Years									
CONNECTION TYPE										
DC connectors	MC-4									
Ingress AC plug	IP65 rated plug									
Communication Modes	WiFi / GPRS / RS 485/ Local Monitoring									
Remote Monitoring	YES									

GRID TIE INVERTER - THREE PHASE

VS (072T-35012T) 7.0KW-350KW

- Max. efficiency up to 98.9% .
- Heavy duty inbuilt DC Isolation switch.
- Special external colour with Epoxy Novolac coating for better heat management.
- Max. DC input current per string; compatible upto 800WP solar panel.
- Type II DC / AC SPD, frequency drop control technology.
- Intelligent Fan based cooling on higher capacity models.



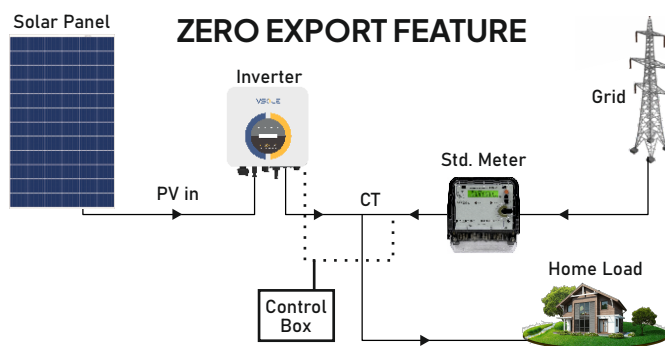
- Compact & light weight design for an easy Installation.
- RS485, remote monitoring (Wi-Fi/GPRS).
- Multiple protection functions.
- DC overloading upto 20%.

Grid Tie Inverter - Three Phase

CAPACITY (KW)	7	8	9	10	12	15	18	20	25
MODEL NUMBER	VS-072T	VS-082T	VS-092T	VS-102T	VS-122T	VS-152T	VS-182T	VS-202T	VS-252T
INPUT (DC)									
Max.DC input power (KW)	8.4	9.6	10.8	12.0	14.4	18.0	21.6	24.0	30.0
Max. DC I/P (Vdc)	1000V								
Max. MPPT I/P Current (A)	20A			20A+26A			26A+26A		
MPPT Short Circuit Current (A)	30A			30A+39A			39A+39A		
MPPT Tracking Voltage (Vdc)	120-1000V				180-1000V				
Start-Up Voltage(V)	140V				200V				
Number of MPPT Tracker	1/2				2				
Strings per MPPT Tracker	1				1/1+2		1+2		2
OUTPUT (AC)									
Rated output power (KW)	7	8	9	10	12	15	18	20	25
Rated Grid Voltage (V)	415V								
Voltage Operating Range (V)	0.85Un - 1.1 Un								
Rated Grid freq. (Hz) / Range	50Hz (± 5%)								
Rated output current AC (A)	10.7	12.2	13.8	15.3	18.3	22.9	27.5	30.6	38.2
AC Connection	3P+N+PE								
THDI (%)	<3%								
Output Power factor	0.8 leading to 0.8 lagging								
EFFICIENCY									
Max. conversion Efficiency (%)	98.5%								
Max. Euro Efficiency (%)	97.5%								
MPPT Efficiency (%)	>99%								
PROTECTION									
Anti-Islanding Protection	YES								
DC Reverse Polarity Protection	YES								
Insulation Resistance Protection	YES								
Ground Fault Protection	YES								
Output Over Current Protection	YES								
Output Short circuit Protection	YES								
Output Over Voltage Protection	YES								
DC Isolator Switch	YES								
Surge Protection	DC: Type II / AC: Type II								
GENERAL DATA									
Dimensions (W*H*D) mm	283W*463H*178D				362W*527H*220D				
Weight (Kg)	11.0				20.0				
Topology	Transformerless								
Noise Emission (dB)	≤45dB								
Display	LED with LCD Display								
Cooling Method	Natural Cooling				Intelligent Fan Cooling				
Operating ambient Temperature	(-25°C ~ +65°C)								
Operating Humidity	0% - 100%								
Max. Operating Altitude (m)	2000m (>2000m Derating)								
Ingress Protection	IP65								
Standard Warranty	10 Years								
CONNECTION TYPE									
DC connectors	MC-4								
Ingress AC plug	IP65 rated plug								
Communication Modes	WiFi / GPRS / RS 485 / Local Monitoring								
Remote Monitoring	YES								

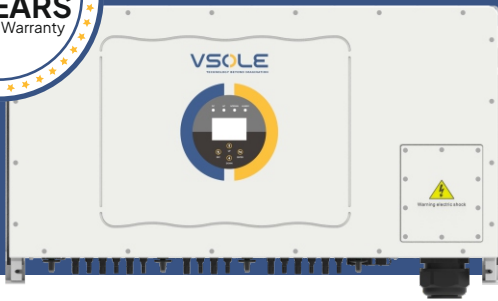
OPTIONAL FEATURES FOR **GRID TIE INVERTERS**

- Weather monitoring system (optional).
- DC Isolation Switch for Three phase inverters.
- Offline Data Storage facility upto 6 months on demand.
- String Level monitoring
- Anti- PID Function (optional).
- ZED - Zero Export Device (optional).



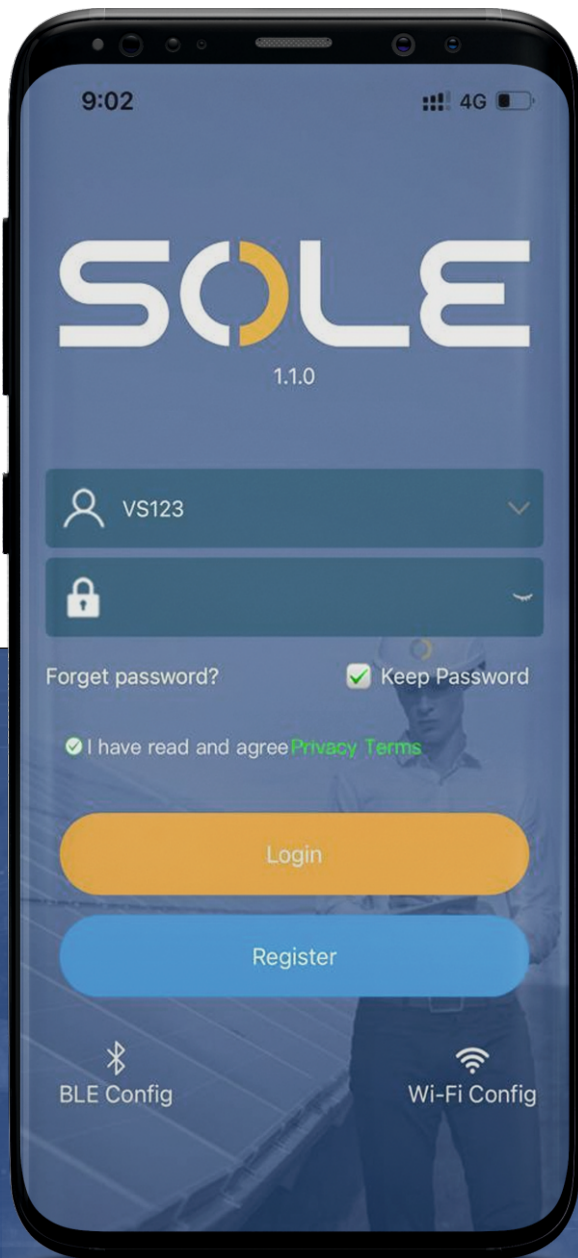
Grid Tie Inverter - Three Phase

CAPACITY (KW)	30	35	40	45	50	60	70	75	80	90	100	110
MODEL NUMBER	VS-302T	VS-352T	VS-403T	VS-453T	VS-503T	VS-604T	VS-704T	VS-754T	VS-804T	VS-904T	VS-1004T	VS-1106T
INPUT (DC)												
Max. DC input power (KW)	36.0	42.0	48.0	54.0	60.0	72.0	84.0	90.0	96.0	108.0	120.0	132.0
Max. DC I/P (Vdc)	1000V											
Max. MPPT I/P Current (A)	40A											
MPPT Short Circuit Current (A)	60A											
MPPT Tracking Voltage (Vdc)	200-1000V											
Start-Up Voltage (V)	200V											
Number of MPPT Tracker	2	2	3	3/4	4	4	4	4	4	4	4	6
Strings per MPPT Tracker	2/3	4	3	3	3	3	3	3	3/4	4	4	4
OUTPUT (AC)												
Rated output power (KW)	30	35	40	45	50	60	70	75	80	90	100	110
Rated Grid Voltage (V)	415V											
Voltage Operating Range (V)	0.85Un - 1.1Un											
Rated Grid freq. (Hz) / Range	50Hz (± 5%)											
Rated output current AC (A)	41.7	49	55.7	63.2	70.3	84.3	99.4	105.3	113.2	127.3	141.7	154.6
AC Connection	3P + N + PE											
THDI (%)	<3%											
Output Power factor	0.8 leading to 0.8 lagging											
EFFICIENCY												
Max. conversion Efficiency (%)	98.7%											
Max. Euro Efficiency (%)	98.1%											
MPPT Efficiency (%)	>99%											
PROTECTION												
Anti-Islanding Protection	YES											
DC Reverse Polarity Protection	YES											
Insulation Resistance Protection	YES											
Ground Fault Protection	YES											
Output Over Current Protection	YES											
Output Short circuit Protection	YES											
Output Over Voltage Protection	YES											
DC Isolator Switch	YES											
Surge Protection	DC: Type II / AC: Type II											
GENERAL DATA												
Dimensions (W*H*D) mm	330W*572H*206D			434W*570H*243D			700W*575H*297D			824W*516H*312D		
Weight (Kg)	28.7			39.0			60.0			81.0		
Topology	Transformerless											
Noise Emission (dB)	≤45dB											
Display	LED with LCD Display											
Cooling Method	Intelligent Fan Cooling											
Operating ambient Temperature	(-25°C ~ +65°C)											
Operating Humidity	0% - 100%											
Max. Operating Altitude (m)	2000m (>2000m Derating)											
Ingress Protection	IP65											
Standard Warranty	10 Years											
CONNECTION TYPE												
DC connectors	MC-4											
Ingress AC plug	IP65 rated plug											
Communication Modes	WiFi / GPRS / RS 485 / Local Monitoring											
Remote Monitoring	YES											



GIRD TIE INVERTER - THREE PHASE

CAPACITY (KW)	120	125	135	255	330	350
MODEL NUMBER	VS-1206T	VS-1256T	VS-1358T	VS-25512T	VS-33012T	VS-35012T
INPUT (DC)						
Max.DC input power (KW)	156	162.5	175.5	331.5	429	455
Max. DC I/P (V)	1100 V			1500V		
Max. MPPT I/P Current (A)	40A					
MPPT Short Circuit Current (A)	60A					
MPPT Tracking Voltage (V)	200 -1000V			500-1500V		
Start-Up Voltage(V)	250V			550V	550V	550V
Number of MPPT Tracker	6		8		12	
Total Number of Strings	24		32	24	30	32
OUTPUT (AC)						
Rated output power (KW)	120	125	135	255	330	350
Rated output Voltage (V) / Range	3L/N/PE 220/380V,230/400V 0.85uN - 1.1Un			3L/N/PE (800V)		
Rated output freq. (Hz) / Range	50Hz (± 5%)					
Rated output current AC (A)	174A	181.2A	195.7A	184A	238.2A	254.1A
AC Connection	3L+N+PE					
Max Output Current AC (A)	191.4A	195.7A		184A	238.2A	254.1A
THDI (%)	<3%					
Output Power factor	0.9 leading to 0.9 lagging					
EFFICIENCY						
Max. conversion Efficiency (%)	98.8%			99.00%		
Max. Euro Efficiency (%)	98.3%			98.50%		
PROTECTION						
Anti-Islanding Protection	YES					
DC Reverse Polarity Protection	YES					
Insulation Resistance Protection	YES					
Ground Fault Protection	YES					
Output Over Current Protection	YES					
Output Short circuit Protection	YES					
Output Over Voltage Protection	YES					
DC Isolator Switch	YES					
AC/DC Surge Protection	DC: Type II / AC: Type II					
String Detection	YES					
PID Protection & Recovery	YES					
High/Low Voltage Ride Through	YES					
GENERAL DATA						
Dimensions (W*H*D) mm	1006Wx516Hx325.5D			1100.5W*713.5H*368D	1159W*828H*366D	
Weight (Kg)	103.0			99.0	113.0	
Topology	Transformerless					
Noise Emission (dB)	≤65dB			≤45dB		
Cooling Method	Intelligent Air Cooling					
Operating ambient Temperature	(-30°C ~ +60°C)					
Operating Humidity	0% - 100%					
Max. Operating Altitude (m)	4000m (>4000m Derating)					
Ingress Protection	IP65			IP66		
Standard Warranty	10 Years			5 Years		
CONNECTION TYPE						
DC Connectors	MC-4					
Communication Modes	RS 485/RS232/WIFI/LAN			Rs485 / PBUS	RS 485/ PLC	Rs485 / PBUS
Remote Monitoring	YES					



INTRODUCING

SOLE
SMART

TRACK ALL
YOUR
SOLAR PROJECTS
AT ONE PLACE

MONITOR



POWER GENERATION



INCOME



LIVE POWER



REDUCED CARBON EMISSION



ALARMS FOR PROBLEMS

SCAN TO DOWNLOAD **SOLE SMART MOBILE**
APPLICATION



ANDROID



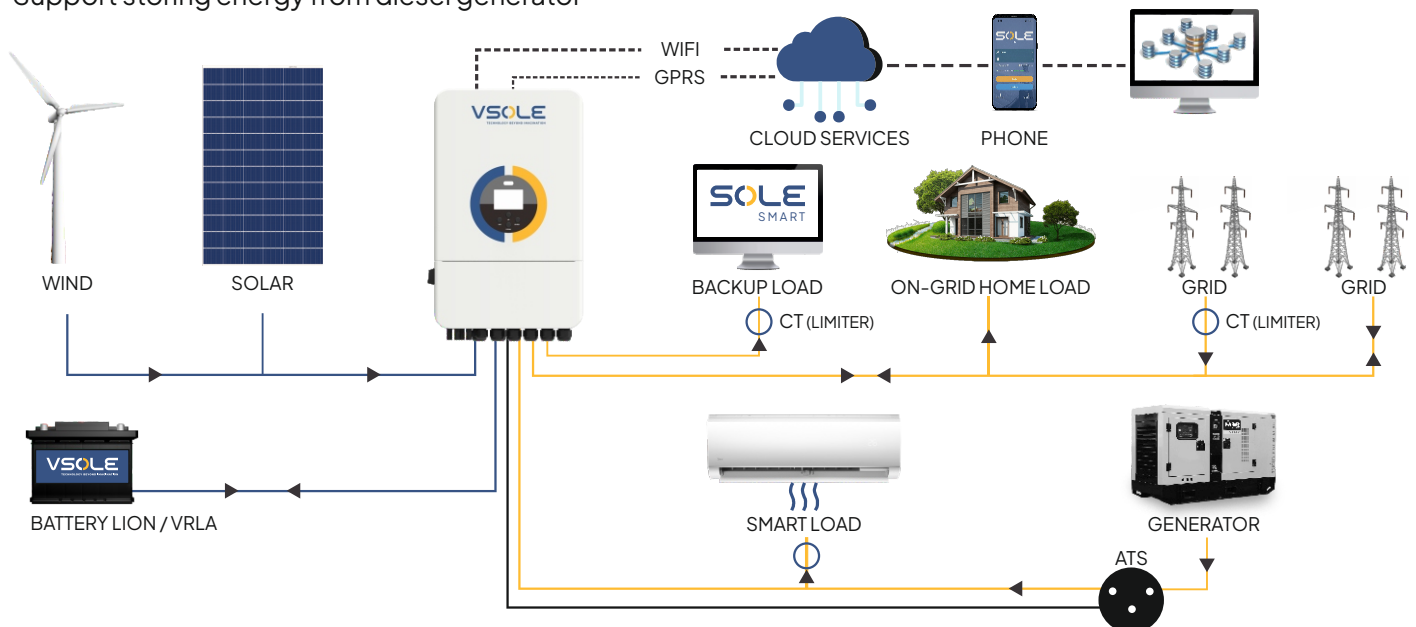
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HYBRID INVERTER

VS (HY03S – HY50T) 3.0KW–50.0KW



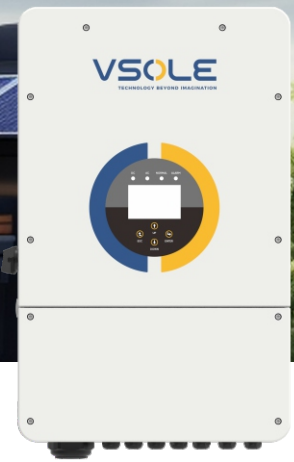
- All in 1- Off Grid / On Grid & Hybrid Bi-Directional solution
- Automatic Superfast switching time (Changeover Time) 4ms. It can be used as UPS
- Battery Management System (BMS) to protect & enhance the battery life (Lithium-ion/Lead Acid/Li-PO₄)
- 100% unbalanced output, each phase; Max. output up to 50% rated power (Three Phase)
- Colourful touch LCD display with ease of operation & maintenance
- Ideal solution for BLACK-OUT & BROWN-OUTS with GRID Exports with & without Battery
- Programmable supply priority for PV, Battery & Grid
- Inbuilt Zero Export / Reverse Power Limit to grid
- Grid Peak Compensation Mode - It can reduce / Limit Maximum Demand (save your penalties)
- Intelligent SMART LOAD function for Air Conditioner, Geyser, Grid tie inverter & Home Appliances
- DC couple and AC couple to retrofit existing solar system
- Max. 16pcs parallel for on-grid and off-grid operation; Support multiple batteries parallel
- Max. charging/discharging current upto 240A
- 48V low voltage battery, transformer isolation design
- 6 times period for battery charging / discharging
- Vector/frequency drop control
- Supports using diesel generator to charge the battery directly. ensuring system energy supply 24*7Hrs
- Max. Conversion efficiency of 97.6%; Max. battery charge efficiency of 95.5%
- Support storing energy from diesel generator





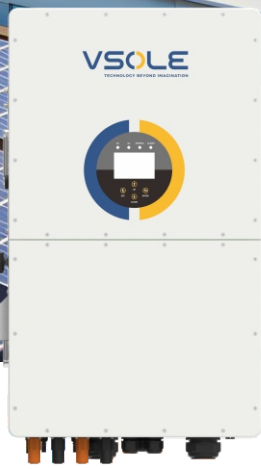
HYBRID INVERTER – SINGLE PHASE

	Single Phase – Low Voltage			
CAPACITY (KW)	3KW (24V/48V)	5KW 48V	6KW 48V	8KW 48V
MODEL NUMBER	VS-HY03S	VS-HY05S	VS-HY06S	VS-HY08S
BATTERY INPUT DATA				
Battery Type	Lead-acid or Lithium-Ion			
Battery Voltage Range (V)	20~30/40~60			
Max. Charging Current (A)	140/70	120	135	190
Max. Discharging Current (A)	140/70	120	135	190
Charging Curve	3 Stages / Equalization			
Charging Strategy for Li-Ion Battery	Self-adaption to BMS			
PV STRING INPUT DATA				
Max. DC Input Power (W)	3600	6000	7200	9600
Rated PV Input Voltage (V)	370V			
Start-Up Voltage (V)	125			
MPPT Voltage Range (V)	150-425			
PV Input Current (A)	18	18+18	26+26	
Max. PV Isc Current (A)	27	27+27	34+34	
Number of MPPT/Strings per MPPT	1/1	2/1+1	2/2+2	
AC OUTPUT DATA				
Rated AC Output Power (W)	3000	5000	6000	8000
AC Output Rated Current (A)	13	21.7	26.1	34.8
Max. Continuous AC Passthrough Current (A)	35		40	50
Peak Power (off grid)	2 time of rated power, 5 S			
Power Factor	0.8 leading to 0.8 lagging			
Output Frequency and Voltage	50/60Hz; L/N/PE 220/230Vac (single phase)			
Grid Connection	Single Phase (L+N+PE)			
DC injection current (mA)	<0.5% IN			
EFFICIENCY				
Max. Efficiency	97.60%			
Euro Efficiency	97%			
MPPT Efficiency	99.90%			
PROTECTION				
Integrated	Anti-islanding Protection, PV String Input Reverse Polarity Protection, Insulation Resistor Detection, Residual Current Monitoring Unit, Output Over Current Protection, Output Shorted Protection, Surge protection			
Output Over Voltage Protection	DC Type II/AC Type II			
GENERAL DATA				
Operating Temperature Range (°C)	(-45°C~60°C)			
Cooling	Natural Cooling		Intelligent Cooling	
Noise (dB)	≤30db			
Communication with BMS	RS485; CAN			
Weight (kg)	17.6	19.0	35.6	
Dimensions (W*H*D) mm	376W x 470H x 241D			420W x 670H x 223D
Protection Degree	IP65			
Installation Style	Wall-mounted			
Standard Warranty	5 Years (Extendable upto 10 Years)			



HYBRID INVERTER – THREE PHASE (LOW VOLTAGE)

	Three Phase - Low Voltage				
CAPACITY (KW)	5KW 48V	6KW 48V	8KW 48V	10KW 48V	12KW 48V
MODEL NUMBER	VS-HY05T	VS-HY06T	VS-HY08T	VS-HY10T	VS-HY12T
BATTERY INPUT DATA					
Battery Type	Lead-acid or Lithium-Ion				
Battery Voltage Range (V)	40~60				
Max. Charging Current (A)	120	145	190	210	240
Max. Discharging Current (A)	120	145	190	210	240
Charging Curve	3 Stages / Equalization				
Charging Strategy for Li-Ion Battery	Self-adaption to BMS				
PV STRING INPUT DATA					
Max. DC Input Power (W)	6500	7800	10400	13000	15600
Rated PV Input Voltage (V)	550 (160~800)V				
Start-Up Voltage (V)	160				
MPPT Voltage Range (V)	200~650				
PV Input Current (A)	20+20				
Max. PV Isc Current (A)	30+30				
Number of MPPT/Strings per MPPT	2/1+1				
AC OUTPUT DATA					
Rated AC Output Power (W)	5000	6000	8000	10000	12000
AC Output Rated Current (A)	7.2	8.7	11.6	14.5	17.4
Max. Continuous AC Passthrough Current (A)	45				
Peak Power (off grid)	2 time of rated power, 5 S				
Power Factor	0.8 leading to 0.8 lagging				
Output Frequency and Voltage	50/60Hz; 3L/N/PE 220/380, 230/400Vac				
Grid Connection	Three Phase (3L+N+PE)				
DC injection current (mA)	<0.5% IN				
EFFICIENCY					
Max. Efficiency	97.60%				
Euro Efficiency	97%				
MPPT Efficiency	99.90%				
PROTECTION					
Integrated	Anti-islanding Protection, PV String Input Reverse Polarity Protection, Insulation Resistor Detection, Residual Current Monitoring Unit, Output Over Current Protection, Output Shorted Protection, Surge protection .				
Output Over Voltage Protection	DC Type II/AC Type II				
GENERAL DATA					
Operating Temperature Range (°C)	(-45°C~60°C)				
Cooling	Smart Cooling				
Noise (dB)	≤45db				
Communication with BMS	RS485; CAN				
Weight (kg)	35.2				
Dimensions (W*H*D) mm	386W x 660H x 250D				
Protection Degree	IP65				
Installation Style	Wall-mounted				
Standard Warranty	5 Years (Extendable upto 10 Years)				



HYBRID INVERTER - THREE PHASE (HIGH VOLTAGE)

	Three Phase - High Voltage					
CAPACITY (KW)	15KW	20KW	25KW	30KW	40KW	50KW
MODEL NUMBER	VS-HY15T	VS-HY20T	VS-HY25T	VS-HY30T	VS-HY40T	VS-HY50T
BATTERY INPUT DATA						
Battery Type	Lithium-Ion					
Battery Voltage Range (V)	160~700			160~800		
Max. Charging Current (A)	37	50	50+50			
Max. Discharging Current (A)	37	50	50+50			
Charging Curve	3 Stages / Equalization					
Charging Strategy for Li-Ion Battery	Self-adaption to BMS					
PV STRING INPUT DATA						
Max. DC Input Power (W)	19500	26000	32500	39000	52000	65000
Rated PV Input Voltage (V)	1000					
Start-Up Voltage (V)	180					
MPPT Voltage Range (V)	150-850					
Full Load DC Voltage Range (V)	350-650					
PV Input Current (A)	26+26		36+36+36	36+36+36+36		
Max. PV Isc Current (A)	39+39		55+55+55	55+55+55+55		
Number of MPPT/Strings per MPPT	2/2+2		3/2+2+2	4/2+2+2+2		
AC OUTPUT DATA						
Rated AC Output Power (W)	15000	20000	25000	30000	40000	50000
AC Output Rated Current (A)	21.8	29	36.3	43.5	58	72.5
Max. Continuous AC Passthrough Current (A)	80		200			
Peak Power (off grid)	1.5 time of rated power, 5 S					
Power Factor	0.9 leading to 0.9 lagging					
Output Frequency and Voltage	50/60Hz; 3L/N/PE 220/380, 230/400Vac					
Grid Connection	Three Phase (3L+N+PE)					
DC injection current (mA)	<0.5% IN					
EFFICIENCY						
Max. Eff iciency	97.60%					
Euro Eff iciency	97%					
MPPT Eff iciency	99.90%					
PROTECTION						
Integrated	Anti-islanding Protection, PV String Input Reverse Polarity Protection, Insulation Resistor Detection, Residual Current Monitoring Unit, Output Over Current Protection, Output Shorted Protection, Surge protection .					
Output Over Voltage Protection	DC Type II/AC Type II					
GENERAL DATA						
Operating Temperature Range (°C)	(-45°C~60°C)					
Cooling	Intelligent Air Cooling					
Noise (dB)	≤45db					
Communication with BMS	RS485; CAN					
Weight (kg)	31.5			80		
Dimensions (W*H*D) mm	408W x 678H x 247D			527W x 894H x 294D		
Protection Degree	IP65					
Installation Style	Wall-mounted					
Standard Warranty	5 Years (Extendable upto 10 Years)					

4 LEVEL SERVICE SUPPORT

Complaint Registration at Hotline Number
+91 95120 22766 or raise the ticket from
our website **www.vsolesolar.com**



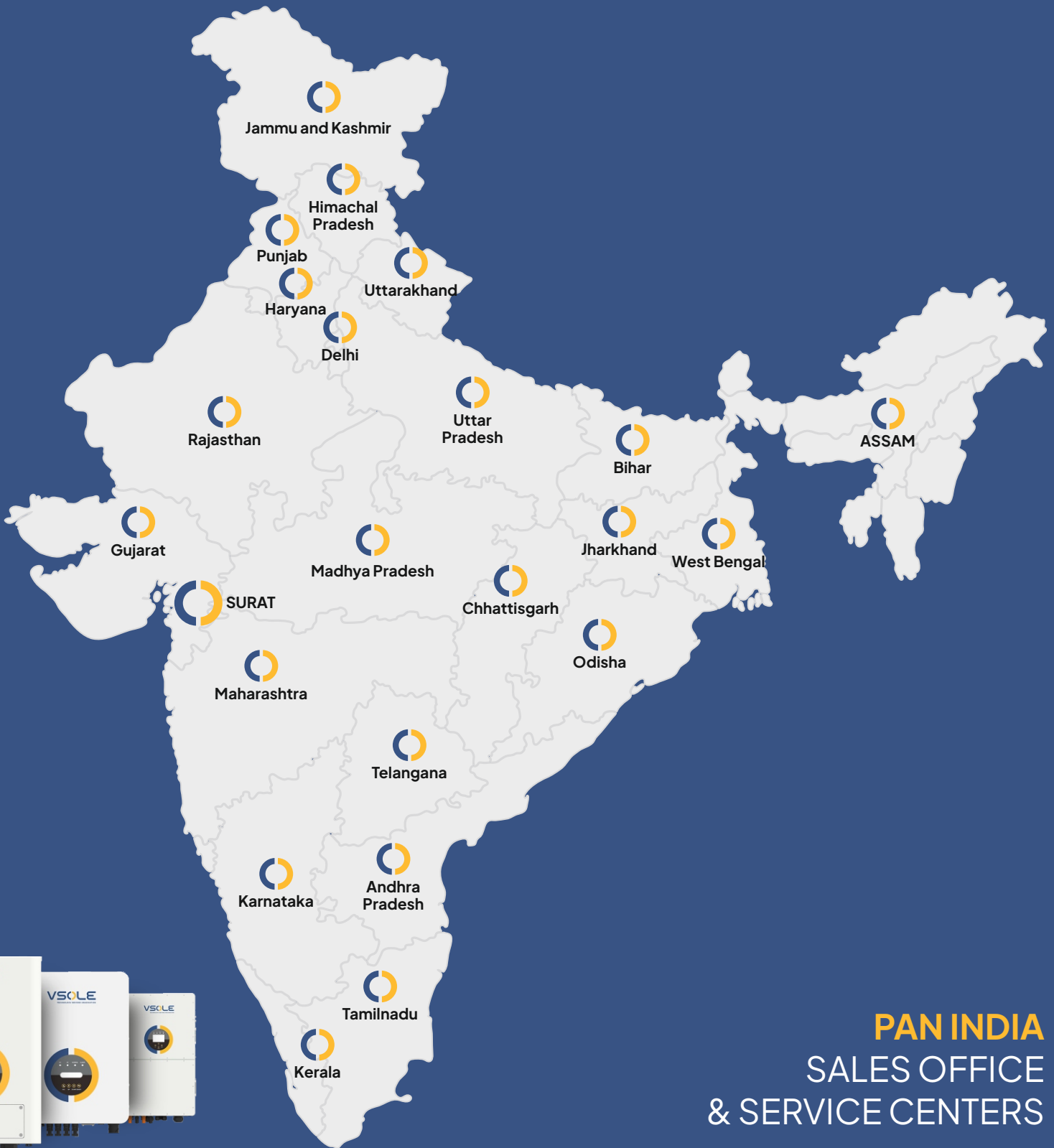
Remote support if the problem can get resolved over an online monitoring access (Each inverter should have internet connectivity through the provided RMS Dongle)

Field/Site Visit for problem found in hardware or for those which cannot resolved via remote monitoring

Replacement will be provided against the faulty inverter **within working 72Hours** from the date of Complaint Log.



OUR PRESENCE



PAN INDIA SALES OFFICE & SERVICE CENTERS

We have sales cum service centers in every 300 kms in selected regions, the replacement can be provided through the nearest center on the basis of nature of fault in the inverter.

www.vsolesolar.com

The mentioned technical data in this brochure may be revised or updated as per changes in product development. The data in this brochure is subjected to change without any prior notice.

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