Sunnytek Vetus 3 KW inverter is a high quality system for demanding installation sites where it is hot or cold and humid with salty atmosphere. Output is a stabilised fine sine wave that can handle sensitive electronics with no problems. 3 KW is most common but we offer smaller models if needed.

Electronics are coated to prevent oxidation by atmosphere. Combination of very hot and humid + and ocean beside is very aggressive to electronics.

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- Pure sine wave
- High peak power
- Built-in UPS
- Rated up to 75˚C with no loss of power!
- Universal AC outlet socket, compatible with modern plugs worldwide

VETUS Sine Wave Inverters, which convert 12 or 24 Volt DC to 230 Volt AC, may be used for any type of electronic equipment. These inverters produce a pure sine wave using high frequency technology. They are also compact and very lightweight.
All VETUS inverters have a shore power connection and an in-built UPS (uninterruptable power supply) function. This means that, whenever the shore power is disconnected, the inverter will immediately take over the power supply without the connected equipment being affected. **The nominal power of all VETUS inverters can be supplied in full without de-rating, even with inverter temperatures of up to 75˚C. The peak power ratings are also very high. For example: a 3 kW inverter can produce 3.9 kW for up to 30 minutes.** There is no need to open the inverter for installation and therefore installation is quick and easy. The inverter has a built-in LED bar for indication of the battery voltage and the power consumption.

The inverter is automatically protected against:
- overload
- too high battery voltage
- too low battery voltage
- too high temperature
- short-circuit
- reverse connection of battery polarity

With the optional remote control panel the inverter can be switched ON and OFF from a distance. The display shows the status of the battery voltage, the AC output voltage, the power output and the alarm functions.

Sunnytek propose this inverter for installations in tropical areas where reliability demands are highest. Production is made in Holland to Marine demands so this is a top end system

	Type	IV60012	IV100012	IV150012	IV200012	IV300012	IV60024	IV100024	IV150024	IV200024	IV300024
input	Nominal battery voltage	10 to 16V					20 to 32V				
input	Max. input current at 10.5 resp. 21 Volt and Pnom.	67 A	112 A	167 A	223 A	334 A	34A	56 A	84 A	112 A	167 A
output	Voltage	Adjustable: 200, 220, 230, or 240V AC (+/-2%)									
output	Frequency	Adjustable: 50Hz or 60Hz (+/- 0,05%)									
output	Wave shape	Sinus, total harmonic distortion < 3%									
output	Nominal power	Continuous at cos phi=1, at a maximum inverter temperature of 75 °C									
output		600W	1000W	1500W	2000W	3000W	600W	1000W	1500W	2000W	3000W
output	Peak power*	60 min. 105-110%		30 min. 120-130%		10 min. 140-145%		5 sec. 150%		1 sec. 200%	
output	Cos phi	All types of load are permitted									
output	Efficiency	83 - 85%									
Input voltage UPS mode		180 - 245V AC, Switch time < 3msec.									
Ambient temperature		During storage: -30°C to + 70°C During use: 0 °C to + 50 °C (inverter temp. 75° C)									
Relative humidity		Max. 95 %, condensation-free (all printed circuit boards are coated)									
Protection class		IP20									
Dimensions (mm)		350x285 x120	400x285 x120	450x285 x120	420x285 x185	490x285 x185	350x285 x120	400x285 x120	450x285 x120	420x285 x185	490x285 x185
Weight		5.3kg	6.6kg	7.5kg	11kg	13kg	5.3kg	6.6kg	7.5kg	11kg	13kg

*The peak power that the inverter can supply is intended exclusively for unforeseen situations. Always select an inverter with a nominal power that is equal to or greater than the maximum power demand, also if this maximum power demand is only for

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