



ZONERGY

Panda

Residential Single-phase Energy Storage Inverter Venus Series

Venus 6000S



The switching time between on-off grid less than 10 ms secures Uninterruptable Power Supply for the load.



The APP-based remote monitoring offers easy maintenance and unlimited function expansion.



The built-in Smart Grid Management module enables power grid dispatching.



The Degree of Protection at IP66 makes it suitable for various harsh environments for application.

	Inverter Technical Specification
Model	Venus 6000-S1
Phase	Single Phase
Max. PV Input Voltage	600 V
MPPT Voltage Range	100 V~550 V
Max. PV Input Current	16 A / 16 A
Max. PV Input Power	9000 W
Max. MPPT Short-circuit Current	20 A / 20 A
Number of Independent MPPT	2
Start-up Voltage Range	120 V
Max. Charging/Discharging Current	100 A
Max. Charging/Discharging Power	5000 W
Nominal Output Voltage on Grid	220 V,230 V,240 V (comply with local regulations)
Output Voltage Range on Grid	180 ~ 276 V
Rated Grid Output Frequency on Grid	50 Hz/60 Hz
Max. AC output Power	6000 W
Nominal AC Output Voltage	230 V
Communication	CAN2.0/RS485, WIFI/4G(optional)
Display	LCD & APP
Dimension(W*H*D) mm	540 x 450 x185
Certification	EN IEC62109-1, EN IEC62109-2, IEC61683, IEC61727, IEC62116, IEC60068, EN IEC61000-6-1, EN IEC61000-6-3, IEC60529 IP66, EN50549-1, EN50530, Italy CEI 0-21, Germany VDE4105, UK G98, G99, Spain UNE217001, UNE217002, NTS 2.1 RoHS(2011/65/EU+2015/863), WEEE(2012/19/EU), ISTA, UKCA