



ANiCSUN



RELIABLE.
EFFICIENT.
GREEN.



VIOX SERIES

SINGLE PHASE HYBRID INVERTER

Low Voltage IP65 Inverters: Performance and Durability Redefined

6 - 8 KW



Features



Max. Efficiency
97.2%



Dual
MPPT



BMS
Compatible



IP65 Ingress
Protection



Dual
Output



Internal
SDP



Support Generator
Connection



Six Time of
Use Setting



Support Multiple
Parallel



Built In
Zero Export



Built in
Wi-fi Dongle



Touch Screen
Display



5 Years Unlimited Parts Replacement
2 Years Free Service Warranty

DC input

	Viox 6kW	Viox 8kW
Max. power (kW)	9	12
Start-up voltage (V)	100	
Max. voltage (V)	550	
MPPT voltage range/rated voltage(V)	80-500/360	
PV/(Isc) (A)	24	
Max.input current of each component (A)	16	
No. of MPPT	2	
No.of strings per MPPT tracker	1/1	1/2

AC output

Rated output power (kVA/kW)	6/6	8/8
Max output power (kVA)	6.6	8.8
Max. output current (A)	28.7	38.3
Grid voltage/range (Vac)	230/176 ~ 270	
Rated grid frequency (Hz)	50/60	
Power factor	1(0.8leading...0.8lagging)	
THDi	< 3%	
AC grid type	L+N+PE	

Battery

Battery voltage range (V)	40~58	
Max. Charging voltage (V)	58	
Max. Charge/discharge current (A)	120/120	160/160
Communication interface	CAN/485	

Emergency power output

Rated power (kVA/kW)	6/6	8/8
Rated output voltage (Vac)	230	
Rated output current (A)	26	34.8
Rated output frequency (Hz)	50/60	
Automatic switchover time (ms)	≤ 10	
THDu	<2%	

General data

Battery charge/discharge efficiency	96%	95.6%
Max. efficiency	97.2%	
Europe efficiency	97%	96.5%
MPPT efficiency	99.9%	
Ingress protection	IP65	
Noise emission (dB)	<35	
Operation temperature (°C)	-25 ~ 60	
Cooling	Natural	
Relative humidity	0 ~95% (Non-condensing)	
Operating altitude (m)	0~2000m (Derating over 2000m)	
Dimensions W*D*H (mm)	455×215×385	486×231×530
Net weight (kg)	20.7	25.8
Isolation transformer	/	
Standby loss (W)	<15	

Display and communication

Display	LCD Color Screen
Communication interface RS485/Wifi/GPRS/CAN/DRM	Yes/Yes/Opt/Yes/Yes

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Solarman Smart PV
Monitoring Platform

