

Three Phase HV Solar Hybrid Inverter IP65, 4Mppt, Silicon Carbide, LCD Display 50KW, 2 Bat Port



Product Features



SiC Technology,
Max. Efficiency 98.2%



2 Independent Battery
Ports for Mixture Use of
Old & New Battery



200-480% Grid Input Power,
Max.24kW, Supplying to Loads
& Charging Battery in Parallel



Support 185-276V AC
Voltage Range



150%-200% PV Input Power,
3 MPPTs, PV Input Current 20A,
Higher Compatibility with PV Panel



166-400% Overload



6 Units in Parallel
(Off-grid Mode)



Executive Generator Port,
Smart Monitoring
Max. Generator Input Current 80A



165mm Ultra-thin, IP65

Specification

Off-grid Output		
Rated Output Power		50kW
Max. Apparent Power		55kVA
Rated Voltage		3L/N/PE, 220/380V; 230/400V
Rated Frequency		50Hz/60Hz
Rated Output Current		72.5A
Max. Output Current		79.8A
Peak Power & Duration		150%(10s)
Generator Input Current		150A
THDu		<3%
On-grid Parameter		
Rated Output Power		50kW
Rated Grid Voltage		3L/N/PE, 220/380V; 230/400V
Rated Grid Frequency		50Hz/60Hz
Rated Output Current		72.5A
Grid Input Current		150A

Specification

PV Input	
Max. DC Input Power	75000Wp
Max. Input Voltage	1000V
Rated Input Voltage	600V
Starting Voltage	180V
MPPT Voltage Range	150-850V
Max. Input String Per MPPT	4/8
Max. DC Input Current	4*40A
Short-circuit Current	4*60A
Battery Parameter	
Battery Type	Lithium-ion/Lead-Acid/Sodium-ion
Battery Voltage Range	140-800V
Max. Charging/ Discharging Power	50kW
Max. Charging/ Discharging Current	80A*2
Number of Battery Input Ports	2
Efficiency	
Max. Efficiency	98.6%
European Efficiency/ CEC Efficiency	97.97%
Max. Battery Charging/ Discharging Efficiency	98%
General Data	
Size(W*H*D)	850mm*550mm*295mm
Weight	88kg
Noise	55dB(A)
Operating Temperature	-25°C~+60°C
Operating Altitude	4000m (>3000m Derating)
Humidity Range	0-100%
Ingress Protection Grade	IP66
Cooling Method	Intelligent Air Cooling
Monitoring	LED + Bluetooth + APP, Wi-Fi/ LAN/ 4G
Communication Port	RS485*1, Internet/ Wi-Fi/ 4G, DO*2, DI*2, AI*1, AO*1, DRM*1
DC Power	12VDC 2A