

Hybrid Inverter | Three Phase | High Voltage

22/25/30/40kW



PRODUCT FEATURES



SiC Technology,
Max. 98.2% Efficiency



150% Overload, AFCI
Function(Optional)



6 Units in Parallel
(Off-grid Mode)



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



Smaller Size, Easier for Installation
and Price-wise in Shipping



Battery Current 140A,
High Adapability with Battery



- 150%–200% PV Input Power
- 3–4 MPPTs
- PV Input Current up to 40A
- Higher Compatibility with PV Panels



- 275%–626% Grid Input Power
- 200A Grid Input Current
- Supplying to Loads & Charging Battery in Parallel



- Executive Generator Port
- Smart Monitoring
- Max. Generator Input Current 200A

Model Name	22kW	25kW	29.9kW	30kW	40kW	42.5kW	50kW
Off-grid Output							
Rated Output Power	22kW	25kW	29.9kW	30kW	40kW	42.5kW	50kW
Max. Apparent Power	24.2kVA	27.5kVA	29.9kVA	33kVA	44kVA	42.5kVA	55kVA
Rated Voltage	3/N/PE, 220/380Vac, 230/400Vac, 240/415Vac						
Rated frequency	50/60Hz						
Rated Output Current	31.9A	36.3A	43.5A	43.5A	58A	61.6A	72.5A
Max. Output Current	35.1A	39.9A	43.5A	47.9A	63.8A	61.6A	79.8A
Peak Power & Duration	150% (10s)						
Generator Input Current	200A						
Output THDu	<3%						
On-grid Parameters							
Rated Output Power	22kW	25kW	29.9kW	30kW	40kW	42.5kW	50kW
Rated Grid Voltage	3/N/PE, 220/380Vac, 230/400Vac, 240/415Vac						
Rated Grid Frequency	50/60Hz						
Rated Output Current	31.9A	36.3A	43.5A	43.5A	58A	61.6A	72.5A
Grid Input Current	200A						
PV Input							
Max. DC Input Power	44000Wp	50000Wp	60000Wp	60000Wp	75000Wp	75000Wp	75000Wp
Max. Input Voltage	1000V						
Rated Input Voltage	600V						
Starting Voltage	180V						
MPPT Voltage Range	150-850V						
Max. Input String / MPPT	3/6	3/6	3/6	3/6	4/8	4/8	4/8
Max. DC Input Current	3x40A	3x40A	3x40A	3x40A	4x40A	4x40A	4x40A
Short Circuit Current	3x60A	3x60A	3x60A	3x60A	4x60A	4x60A	4x60A
Battery Parameters							
Battery Type	Lithium-ion / Lead-Acid / Sodium-ion						
Battery Voltage Range	140-800V						
Max. Charging/Discharging Power	22kW/25kW/29.9kW/30kW/40kW/42.5kW/50kW						
Max. Charging/Discharging Current	70Ax2						
Battery Input Ports	2						
Efficiency							
Max. Efficiency	>98 %						
European Efficiency	>97.3%						
Max. Battery Charging/Discharging Efficiency	95%						
General Data							
Size (W×H×D), Weight	850mm × 550mm × 295mm, 80kg						
Topology	Non-Isolated						
Operating Temperature	-25°C ~ +60°C						
Operating Altitude	4000m						
Humidity Range	0-100%						
Cooling Method	Intelligent Air Cooling						
Ingress Protection	IP66						
Monitoring	LED + Bluetooth + App						
Communication Ports	RS485x1, WiFi/4G						
DC Power	12V DC 2A						