



Product Features

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120-200% Overload
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> 200% Generator Input Power
Executive Generator Port
Smart Monitoring
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Flexible front and bottom wiring
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Separate compartments for safety isolation
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Cell-level isolation prevents thermal runaway
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<10ms On/Off-grid Switchover
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Support 184-276V AC Voltage Range, Support 45-65Hz Frequency
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200-400% Grid Input Power
54A Grid Input Current
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150-200% PV Input Power
18A PV Current, 2 MPPTs

Off-grid Output Parameters				
Rated Output Power	3kW	4kW	5kW	6kW
Max. Output Power	3.3kWA	4.4kWA	5.5kWA	6.6kWA
Rated Output Current	13.6A	18.2A	22.7A	27.2A
Rated Voltage	220V/230V/240V			
Rated Frequency	50/60Hz			
Output THDu	<2%			
On-grid Output Parameter				
Rated Output Power	3kW	4kW	5kW	6kW
Max. Output Power	3.3kWA	4.4kWA	5.5kWA	6.6kWA
Max. Output Current	13.6A	18.2A	22.7A	27.2A
Max. AC Input Current	54A			
Rated AC Voltage	220V/230V/240V			
Grid Voltage Range	184-276V			
Frequency Range	45-65Hz			
Switching Time	≤10ms			
PV Input				
Max. Input Power	9000Wp			
Starting Voltage	95V			
MPPT Voltage Range	80-500V			
Number of MPPT	2			
Rated Voltage	360V			
Max. Input Current	18A/18A			
Battery Parameter				
Cell Type	Lithium-ion			
Battery Energy	16.076kWh			
Rated Capacity	314Ah			
Battery Voltage	51.2V			
Battery Pack Grouping	80%			
Operating Temperature	Charge 0°C~25°C , Discharge -20°C ~ +60°C			
Cycle life	6000@80DOD , 25°C , 0.5C			
Efficiency				
Max. Efficiency	97.5%	97.6%	97.6%	97.6%
Europe Efficiency	97.2%	97.2%	97.2%	97.2%
Basic Parameters				
Size(W*H*D)	485mm*1135.5mm*240mm			
Weight	150kg (TBD)			
Noise	<45dB(A)			
Operating Altitude	<3000m			
Cooling Method	Intelligent Air Cooling			
Ingress Protection Grade	IP65			
Communication Port	RS485/CAN/DO/Parallel Port			
Mornitoring	LCD/APP/WIFI/Bluetooth/4G/LAN			
Protection	DC Switch; AC Overvoltage Protection; AC Overcurrent Protection; AC Short Circuit Protection;Anti-islanding Protection; Residual Current Monitoring; Surge Protection:LEVEL II; Reverse Polarity Protection(PV&Battery):Lightning Protection			
Certification				
CE-LVD	IEC 62109-1, IEC 62109-2, EN 62109-1, EN 62109-2, IEC 62477-1			
CE-EMC	EN61000-6-1, EN61000-6-2, EN61000-6-3, EN61000-6-4, IEC 62920			