



OH3600TL/5000TL/5500TL Single Phase Off-Grid Inverter



Main Features

- 📍 Multiple operating modes, off-grid and UPS, MPPT charger built-in.
- 🔋 Compatible with almost all 48V LiFePO4 battery pack.
- 📱 Integrated smart APP, can remotely diagnose and update.
- 🔌 Max. 6pcs in parallel (Only OH5000TL).
- 🏠 Suitable for customizing various PV energy storage system.
- 🔋 Automatic activation of LiFePO4 battery pack.

Technical Parameters / Model	OH3600TL	OH5000TL	OH5500TL	Configurable
Inverter output				
Rated Output Power	3600W	5000W	5500W	
Max. Peak Ppower	7200W	10000W	11000W	
Rated Output Voltage	230Vac (Single Phase)			✓
Rated Output Frequency	50/60Hz			✓
Battery				
Battery Type	Lithium-Ion Battery/Lead-Acid Battery/User-Defined			✓
Rated Battery Voltage	24Vdc	48Vdc		
Max. PV MPPT Charging Current	100A	80A	100A	✓
Max. AC/Generator Charging Current	100A	80A	80A	✓
Maximum Hybrid Charging Current	100A	80A	100A	✓
PV Input				
MPPT Number	1			
Maximum Photovoltaic Input Power	5000W	6000W		
Maximum Input Current	18A	27A		
Max. PV Open Circuit Voltage	500Vdc			
MPPT Voltage Range	40-450Vdc	120-430Vdc		
Mains/Generator Input				
Input Voltage Range	170-264V			✓
Frequency Range	50/60Hz			
Bypass Over-Load Current	20A	40A		
General Parameters				
Size (W*H*T mm)	284*417*92 mm	300*485*120 mm		
Weight	8.5kg	9.5kg		
Protection Level	IP20			
Range Of Working Temperature	-10~50°C, Derating>40°C			
Noise	<60dB			
Cooling Method	Intelligent Air Cooling			
Certification	EN IEC 61000-6-3:2021 / EN IEC 61000-6-1:2019 / EN 62920:2017+A1:2021 EN IEC 61000-3-2:2019 / A1:2021 / EN 61000-3-3:2013 / A2:2021			