

Energy Storage Products

01 HF Series

3.6kW / 5kW

Single Phase, 1 MPPT

Off-grid Inverter



FEATURES



Compatible with lithium and lead-acid batteries



Support up to 6 units parallel connections



Work with or without batteries



MPPT charge controller and AC charger integrated



Double rating of surge power suitable for motor loads



UPS-level switching

Model	O1-HF-3.6		O1-HF-5.0	
Battery				
Nominal Battery Voltage [V]	48			
Battery Voltage Range [V]	40 ~ 60			
Battery Type	Lithium / Lead-acid			
Solar Charger				
Max. PV Input Power [Wp]	4500		6000	
Max. PV Input Power [V]	450			
Max. PV Input Current [A]	18			
MPPT Range [V]	120 ~ 430			
MPP Trackers / String per Tracker	1 / 1			
Max Charging Current [A]	80		100	
Max. Efficiency	93%		93%	
AC Charger				
Nominal AC Input Voltage [V]	220 / 230 / 240			
Max. AC Charge Current [A]	60		80	
AC Voltage Range [V]	180 ~ 275			
Frequency Range [Hz]	50 / 60; ±5			
Inverter Output				
Rated Output Power [W / VA]	3600 / 3600		5000 / 5000	
Parallel Capacity	NA		Up to 6	
Nominal Output Voltage [V]	220 / 230 / 240			
Nominal Output Frequency [Hz]	50 / 60			
Surge Power [W]	7200		10000	
Max. Efficiency	93%			
THDi	5%			
Automatic Switch Time	10ms (For Personal Computers); 20ms (For Home Appliances)			
General Parameters				
Protection Degree	IP20			
Size (Width * Height * Depth) [mm]	330 * 485 * 135			
Weight [kg]	11.5		12	
Ambient Temperature Range [°C]	0 ~ +50			
Storage Temperature Range [°C]	-15 ~ +60			
Communication	Wifi or 4G (optional)			