

SINGLE PHASE ALL-IN-ONE

HYBRID SYSTEM

3/3.6/4/4.6/5/6kW



PRODUCT FEATURES

- Easy Installation
- Intelligent O&M
- Extreme Security
- Sic Technology Max.Efficiency 98%
- Self-owned APP, Support Adding New Language
- <19ms On/Off-grid Switchover
- Support AC Coupl
- Support Setting of 6 Charging/Discharging Time Period
- Flexible Scaling

Product Model		Single Phase All-In-One		
Hybrid Inverter Grid Port	Max. Grid-tied Input/Output Power	3kW/3.6kW/4kW/4.6kW/5kW/6kW		
	Rated Operating Voltage	L + N + PE, 230Vac		
	Rated Operating Frequency	50Hz/60Hz		
Hybrid Inverter Load Port	Max. Off-grid Output Power	3kVA/3.6kVA/4kVA/4.6kVA/5kVA/6kVA		
	Rated Output Voltage	L + N + PE, 230Vac		
	Rated Output Frequency	50Hz/60Hz		
	On-grid and Off-grid Switching Time	≤10ms		
Hybrid Inverter PV Port	Max. PV Input Power	4.5kW/6kW/6kW/8kW/8kW/9kW		
	MPPT Voltage Range	80Vdc~550Vdc		
	Max. Input Current Per MPPT	18A/18A,2 MPPT		
Battery	Battery Type	LiFePO4		
	Number of modules	1	2	3
	Nominal Energy	5.12kWh	10.24kWh	15.36kWh
	Nominal Capacity	100Ah	200Ah	300Ah
	Max. Charge/Discharge Power	3kW/3.6kW/4kW/4.6kW/5kW/6kW(Limited to inverters)		
	DOD	95%		
	Operating Temperature	-25 - 60°C(Charge: -10~50°C;Discharge: -20 - 50°C)		
	Humidity	5-95% RH, no condensation		
System	Cycle Life	>6000@25°C@0.5C		
	Communication	RS485,CAN,WIFI		
	Cooling Method	Natural cooling		
	Altitude	≤2000m		
	Protection Level	IP65		
	Warranty	5 Years		
	Dimensions (W*H*D)	640*200*1160 mm	640*200*1560 mm	640*200*1960 mm
	Weight	72kg	116kg	162kg
Safety Regulaion	IEC62109-1/-2,IEC61000-6-1/-2/-3/-4,IEC62619,CE			
Grid Regulation	VDE-AR-N4105/G99/CEI0-21/EN50549/CI 0-11/NRS097-2-11 AS4777.2/R25/UNE217001/UNE217002/NTS 2.1			

