



ENERGY STORAGE INVERTER QA 2KW~11KW

FEATURES



- Lithium Battery Auto-restart Function, More Convenient for Lithium Battery Charging
- Display can be designed with a touch screen panel
- Utility Charging Voltage/PV Charging Voltage Adjustable, Match Different Battery Charging Requirements
- Support CT anti-back flow function, automatically detect the grid status, and ensure that no power is reversed to the grid
- PF1.0, High Efficiency, Lower Consumption, Energy Conservation/Environmental Protection/Electricity Saving/Cost Saving
- Allowing PV Power Generation To Be Fed Into The Grid, Saving Electricity Bills
- Communication Option: External WIFI, Supervise at Any Time
- BMS function for lithium battery

APPLICATION



Commercial car park



Street lighting/monitoring



Family/greenhouse



Commercial/construction

Model	QA2012MH	QA3624MH	QA6248MH	QA12048MH	
Input Formation	L+N+PE				
AC Input	220/230/240VAC				
Input Voltage Range	90-280VAC±3V(Normal Mode) 170-280VAC±3V (UPS Mode)				
Frequency	60Hz(Adaptive)				
Rated Power	1600W	3600W	6200W	11000W	
Dual Output Power	2000W	3600W	6200W	12000W	
Output Voltage(AC)	220/230/240VAC±5%				
Output Frequency	50/60Hz±0.1%				
Output Wave	Pure Sine Wave				
Transfer Time(Adjustable)	10ms for Computer Equipment, 20ms for Household Equipment				
Peak Power	3200VA	7200VA	12400VA	24000VA	
Overload Ability	Battery Mode: 11s@105%~150% Load; 2s@150%~200% Load; 400ms@>200% Load				
Grid connected Operation	Output Voltage	220/230/240VAC			
	Grid Voltage Range	100-280VAC			
	Grid Frequency Range	47-53±1Hz/57-62±1Hz			
	Output Current	8.7A	15.7A	26.9A	52.2A
	Power Factor Range	>0.99			
	Max efficiency (DC/AC)	98%			
Rated Voltage	12VDC	24VDC	48VDC	48VDC	
Constant Charging Voltage	14.1Vdc	28.2Vdc	56.4Vdc	56.4Vdc	
Float Charging Voltage	13.5VDC	27VDC	54VDC	54VDC	
PV Charging Method	MPPT	MPPT	MPPT	2*MPPT	
Max PV Input Power	3000W	5000W	8500W	2×8500W	
PV Input Voltage Range	60~500VDC	60~500VDC	60~500VDC	90~500VDC	
MAX PV Input Voltage	500VDC	500VDC	500VDC	500VDC	
MAX PV Input Current	15A	15A	27A	27A/27A	
MAX PV Charge Current	100A	120A	120A	150A	
MAX AC Charge Current	80A	100A	100A	150A	
MAX Charge Current	100A	120A	120A	150A	
LCD	Can display operating mode/load/input/output				
RS232	Baud Rate 2400				
Expansion Slot Communication Interface	Lithium Battery BMS Communication Card,WIFI ,CT Interface (11K Incompatible with CT)				
Parallel Interface	Not Support Parallel			Parallel & Grid-connect Function	
Operating Temperature	-10°C~50°C				
Storage Temperature	-15°C~60°C				
Ork Altitude	No more than 1000m, If 1000m<,Rate power will lower, MAX 4000m, IEC 62040				
Operating Environment Humidity	20%~95% Non Condensing				
Noise	≤50dB				