

Model		SIA0512-55P	SIA1012-100P	SIA1524-100M	SIA2024-100M	SIA2024-200M
Inverter	Rated Power	500W	1000W	1500W	2000W	2000W
	Output Voltage	220VAC (Standard) / 110VAC (Customized)				
	Output Frequency	50Hz / 60Hz				
	Output Waveform	Pure Sine Wave				
Solar Charger & AC Charger	Rated Voltage	220VAC (Standard) / 110VAC (Customized)				
	Charging Current	6A (6-10A Adjustable)	12A (10-20A Adjustable)	15A (12-15A Adjustable)	20A (15-30A Adjustable)	
	Efficiency	>85%			>97%	
	Charging Method	PWM			MPPT	
	MAX PV Voltage	25V			145V	
	Rated PV Charging Voltage	13.7V			27.4V	
	Rated AC Charging Current	5~10A			30A	60A
	MAX Power	360Wp			800Wp	1600Wp
	Overcharge Protection Voltage	14.2VDC			28.4VDC	
	Float Charging Voltage	13.7V			27.4V	
DC Output	High Voltage Protection Voltage	16VDC			32VDC	
	High Voltage Recovery Voltage	15.2VDC			30.4VDC	
	Low Voltage Recovery Voltage	13VDC			26VDC	
	Low Voltage Protection Voltage	11VDC			22VDC	
	5VDC USB Output Port	2 Units (MAX 2A)				
	12VDC Output Port	2 DC Ports (MAX 2A)				
Battery	Battery Type	Gel / Lead-acid / LiFePO4				
	Battery Voltage	12V			24V	
	Battery Specification	55AH/12V	100AH/12V	100AH/12V*2		200AH/12V*2
General Data	Warranty	1 Year (LiFePO4 Battery: 3~5 Years)				
	Operating Temperature	0℃~40℃				
	Storage Temperature	-25℃~55℃ (LiFePO4 Battery: -10℃~50℃)				
	Operating Humidity	0%~90% RH (Non-condensing)				
	Dimensions (W*D*H)	260*423*453mm 370*520*620mm (Packaged)	380*430*534mm 480*545*620mm (Packaged)			515*555*540mm 600*640*695mm (Packaged)
Standard		EN-IEC 60335-1, EN-IEC 60335-2-29, IEC 62109-1, EN/IEC62133				