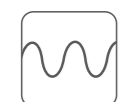




Three-phase Low Frequency Inverter



Pure Sine Wave



MPPT



Three-phase



RS485/232

Model:	32248/96/192	48248/96/192	56248/96/192	64248/96/192	80248/96/192	10348/96/192	12348/96/192	16396/192	20396/192	24396/192	
Rated Power	4KVA/3.2KW	6KVA/4.8KW	7KVA/5.6KW	8KVA/6.4KW	10KVA/8KW	12.5KVA/10KW	15KVA/12KW	20KVA/16KW	25KVA/20KW	30KVA/24KW	
Peak Power(20ms)	9.6KVA	14.4KVA	16.8KVA	19.2KVA	24KVA	30KVA	36KVA	48KVA	60KVA	72KVA	
Start Motor	3HP	4HP	4HP	4HP	5HP	6HP	7HP	10HP	10HP	15HP	
Battery Voltage	48/96/192VDC							96/192VDC			
Built-in solar controller charging current (Optional)	PWM:10A-60A(48V System);50A/100A(96V System);50A(192V System) MPPT:10A-100A(48V System);50A/100A(96V System)					PWM: 50A/100A (96V System); 50A/100A (192V System) MPPT: 50A/100A (96V System)					
Size(L*W*Hmm)	565*300*775						725*365*1010				
Package Size(L*W*Hmm)	625*360*895						785*425*1135				
N.W.(kg)	65	73	75	80	112	122	134	160	176	189	
G.W.(kg)(Wooden Packing)	78	86	88	93	136	146	158	184	200	213	
Installation Method	Tower										
Model:	323192	403192	483384	643384	803384	963384	1003384	1203384	1283384	1503384	1603384
Rated Power	40KVA/32KW	50KVA/40KW	60KVA/48KW	80KVA/64KW	100KVA/80KW	120KVA/96KW	125KVA/100KW	150KVA/120KW	160KVA/128KW	190KVA/150KW	200KVA/160KW
Peak Power(20ms)	96KVA	120KVA	144KVA	192KVA	240KVA	288KVA	300KVA	360KVA	384KVA	450KVA	480KVA
Start Motor	15HP	20HP	25HP	30HP	40HP	50HP	50HP	60HP	60HP	80HP	80HP
Battery Voltage	192VDC					384VDC					
Built-in solar controller charging current (Optional)	PWM:100A-200A(192V/384V System) MPPT:50A/100A(192V/384V System)					PWM: 100A-200A / MPPT: 50A/100A					
Size(L*W*Hmm)	720*575*1275					875*720*1380					1123*900*1605
Package Size(L*W*Hmm)	785*640*1400					980*825*1560					1185*960*1750
N.W.(kg)	240	260	290	308	512	542	552	612	642	705	755
G.W.(kg)(Wooden Packing)	273	293	323	341	552	582	592	652	692	755	805
Installation Method	Tower										
Input	DC Input Voltage Range	10.5-15VDC (Single battery voltage)									
	AC Input Voltage Range	380Vac/400Vac -85%~+120%(customized 190Vac/200Vac)									
	AC Input Frequency Range	45Hz-55Hz (50Hz) / 55Hz-65Hz (60Hz)									
	Max AC charging current	0~45A (Depending on the model)									
	AC charging method	Three-stage (constant current, constant voltage, floating charge)									
Output	Phase	3/N/PE									
	Efficiency(Battery Mode)	≥85%									
	Output Voltage(Battery Mode)	380Vac/400Vac±2%(customized 190Vac/200Vac)									
	Output Frequency(Battery Mode)	50/60Hz±1%									
	Output Wave(Battery Mode)	Pure Sine Wave									
	Output waveform distortion	Linear load≤3%									
	Efficiency(AC Mode)	>99%									
	Output Voltage(AC Mode)	Conforming to AC input									
	Output Frequency(AC Mode)	Conforming to AC input									
	No load loss(Battery Mode)	≤2.5% rated power (4KVA-30KVA models) ; ≤1% rated power (40KVA-200KVA models)									
No load loss(AC Mode)	≤2% rated power(charger does not work in AC mode)										
No load loss(Energy saving Mode)	≤10W										
Phase	3/N/PE										
Battery Type	URLA Battery	Charge Voltage :13.8V; Float Voltage:13.7V (Single battery voltage)									
	Customize battery	Charging and discharging parameters of different types of batteries can be customized according to user requirements (charging and discharging parameters of different types of batteries can be set through the operation panel)									
Protection	Battery undervoltage alarm	11V (Single battery voltage)									
	Battery undervoltage protection	10.5V (Single battery voltage)									
	Battery overvoltage alarm	15V (Single battery voltage)									
	Battery overvoltage protection	17V (Single battery voltage)									
	Battery overvoltage recovery voltage	14.5V (Single battery voltage)									
	Overload power protection	Automatic protection (battery mode), circuit breaker or insurance (AC mode)									
Inverter output short circuit protection	Automatic protection (battery mode), circuit breaker or insurance (AC mode)										
Temperature protection	>90°C (Shut down output)										
Alarm	A	Normal working condition, buzzer has no alarm sound									
	B	Buzzer sounds 4 times per second when battery failure, voltage abnormality, overload protection									
	C	When the machine is turned on for the first time, the buzzer will prompt 5 when the machine is normal									
Inside Solar controller (Optional)	Charging Mode	MPPT or PWM									
	Charging current	PWM: 10A/20A/30A/40A/50A/60A(48V System); 50A/100A/150A/200A(96V/192V/384V System) MPPT: 10A/20A/30A/40A/50A/60A/80A/100A(48V System); 50A/100A(96V/192V/384V System)									
	PV Input Voltage Range	PWM: 60V-88V(48V System); 120V-176V(96V System); 240V-352V(192V System); 480V-704V(384V System) MPPT: 60V-120V(48V System); 120V-240V(96V System); 240V-360V(192V System); 480V-640V(384V System)									
	Max PV Input Voltage(Voc) (At the lowest temperature)	PWM: 100V(48V System); 200V(96V System); 400V(192V System); 750V(384V System) MPPT: 150V(48V System); 300V(96V System); 450V(192V System); 800V(384V System)									
	PV Array Maximum Power	48V System: 560W(10A)/1120W(20A)/1680W(30A)/2240W(40A)/2800W(50A)/3360W(60A) 96V System: (PWM: 5.6KW(50A)/11.2KW(100A)) / (MPPT: 5.6KW(50A)/5.6KW*2(100A)); 192V System: (PWM: 11.2KW(50A)/22.4KW(100A)/16.8KW*2(150A)/22.4KW*2(200A)) / (MPPT: 11.2KW(50A)/11.2KW*2(100A)); 384V System: (PWM: 22.4KW(50A)/44.8KW(100A)/33.6KW*2(150A)/44.8KW*2(200A)) / (MPPT: 22.4KW(50A)/22.4KW*2(100A))									
	Standby loss	≤3W									
Maximum conversion efficiency	>95%										
Working Mode	Battery First/AC First/Saving Energy Mode										
Transfer Time	≤4ms										
Display	LCD										
Thermal method	Forced air cooling										
Communication(Optional)	RS485/APP (WIFI monitoring or GPRS monitoring)										
Environment	Operating temperature	-10°C~40°C									
	Storage temperature	-15°C~60°C									
	Noise	≤65dB									
	Elevation	2000m (More than derating)									
Humidity	0%~95% (No condensation)										
Warranty	1 year										

Note: 1. Specifications are subject to change without prior notice; 2. Special voltage and power requirements can be customized according to the actual situation of users.