

Solar Charge Controller 10A,15A,20A

Model	NV-12V010	NV-12V015	NV-12V020
Max charge current	10A	15A	20A
Max load current	10A	15A	20A
System voltage	12v/24v/ AUTO.distinguish		
Overload, short circuit protection	over the rated current 1.25 times for 60 seconds, or over the rated current 1.5 times for 5 seconds ≥ 3 times rated current short circuit protection		
No-load consumption	$\leq 6\text{mA}$		
Charging loop pressure drop	$\leq 0.26\text{V}$		
Discharge loop pressure drop	$\leq 0.15\text{V}$		
Overpressure protection	17V/34V		
Working temperature	Industrial grade : $-35^{\circ}\text{C}\sim+55^{\circ}\text{C}$		
Promote charging voltage	14.6V/29.2V (maintain time :30 min) (Only used for over discharge)		
Straight charging voltage	14.4V/28.8V (maintain time :30 min)		
Floating charging	13.6V/27.2V (maintain time : until fall to the charging return voltage)		
Charge return voltage	13.2V/26.4V		
Temperature compensation	$-5\text{mv}/^{\circ}\text{C}/2\text{V}$ (promote , straight charging , charge return voltage compensation)		
Under voltage	12V/24V		
Over discharge voltage	11.1V/22.2V no-load voltage		
Over discharge return voltage	12.6V/25.2V		
Control method	PWM		
Product Size (mm)	134×68×24	165×100×44	165×100×44
Package	100pcs/ctn	50pcs/ctn	50pcs/ctn
Carton Size (cm)	45×29.5×45	56.2×35.5×31	56.2×35.5×31

Modified Sine Wave Inverter 1000W ,2000W

Model	M1000-121	M1000-122	M1000-241	M1000-242
Input Voltage	12VDC		24VDC	
Output Voltage	110VAC	230VAC	110VAC	230VAC
Output frequency	50Hz /60Hz			
Output waveform	Modified Sine Wave			
Continuous power	1000W			
Surge power	2000W			
USB Port	5V500mA			
Efficiency	> 90%			
THD	<3%			
Battery low shutdown	10V±0.5VDC		20V±0.5VDC	
Battery low alarm	10.5V±0.5VDC		2V±0.5VDC	
High voltage shutdown	15.5V±0.5VDC		31V±0.5VDC	
Thermal shutdown	140±9°F (60±5°C)			
Grounding	By cable			
Product Size (mm))	268×170×78 (L×W×H)			
Package	10pcs/ctn			
Carton Size (cm)	66.5×35.8×49			

Model	M2000-121	M2000-122	M2000-241	M2000-242
Input Voltage	12VDC		24VDC	
Output Voltage	110VAC	230VAC	110VAC	230VAC
Output frequency	50Hz /60Hz			
Output waveform	Modified Sine Wave			
Continuous power	2000W			
Surge power	4000W			
USB Port	5V500mA			
Efficiency	> 90%			
THD	<3%			
Battery low shutdown	10V±0.5VDC		20V±0.5VDC	
Battery low alarm	10.5V±0.5VDC		21V±0.5VDC	
High voltage shutdown	15.5V±0.5VDC		31V±0.5VDC	
Thermal shutdown	140±9°F (60±5°C)			
Grounding	By cable			
Product Size (mm))	450×150×90 (L×W×H)			
Package	3pcs/ctn			
Carton Size (cm)	45×30×52.7			