

KY1 Parameter				
Rated charging current	50A	100A	150A	200A
Rated system voltage	384V	192V/216V/240V/384V	96V	
PV input voltage range	192V System : 240V-352V ; 216V System : 270V-396V ; 240V System : 300V-440V ; 384V System : 480V-704V			
Max PV Input Voltage(At 25℃)	192V System : 400V ; 216V System : 450V ; 240V System : 500V ; 384V System : 750V			
Number of PV array input routes	1			
PV Array Maximum Power	22.4KW	22.4KW/25.2KW/28KW/44.8KW	16.8KW	22.4KW
Battery type	Lead acid battery, deep cycle battery, gel battery etc(Battery type base on user charge specification)			
Floating voltage	13.8V/Single battery			
Charge voltage	14.2V/Single battery			
Charging protection voltage	15V/Single battery			
Temperature compensation coefficient	-3mV / °C / 2V (25℃ is base line)(Optional)			
Charging mode	PWM pulse width control			
Charging method	Three stages : constant current; constant voltage; floating charge			
Efficiency	>95%			
Display	LCD			
Cooling method	Cooling fan in intelligent control			
Type of mechanical protection	IP20			
Operating temperature	-20℃~+60℃			
Storage temperature	-20℃~+70℃			
Elevation	< 5000m , (Less solar panel when exceed 2000m)			
Humidity	5~95% (No condense)			
Protect the circuit	RS232/RS485(Optional)			
Machine size (L*W*Hmm)	460*360*160			
Package size (L*W*Hmm)	520*410*210			
N.W (Kg)	9	10	11	12
G.W (Kg)	11	12	13	14
Note: All specifications are subject to change without prior notice				