

## Wind Charge Controller

### Features

- Advanced wind charger and having DC diversion charge control
- Rated for 12, 24, 48 voltage systems and 120 amps current
- With bulk charging, absorption, float and equalization stages.  
In order to maximize system performance and increase battery life
- LCD meter with easy to read messages.
- DIP switch to set up the wind charger for its intended use.
- All major functions can be set with DIP switches.  
LED indications and pushbutton functions.
- When WS-120C connects with 48VDC batteries, it can support 6KW Wind Turbine.
- Optional Diversion Load



### Specifications

MODEL	WS-120C	BATTERY CHARGING / BTS	
ELECTRICAL		Charge algorithm	PWM, constant voltage
System voltage ratings	12, 24, 48 VDC	Temp comp. coefficient	- 5mV/°C / cell ( 25°C ref )
Current ratings-Battery Charge Control	120A	Temp comp. range	0°C to + 50°C
Current ratings-Diversion Charge Control	120A Diversion load	Charge algorithm	PWM, float, equalize (with BTS option)
Accuracy	12/24 V : ≤ 0.1% ± 50 mV 48 V : ≤ 0.1% ± 100 mV	MECHANICAL	
Min. DC voltage to operate	9 VDC	Dimensions (mm)	345 (H) x 258 (W) x 170 (L)
Max. operating DC voltage	68 VDC	Weight	8.4 kg
Max. 3-Phase AC Input Voltage	100 VAC	Power terminals	120A Rated
Total current consumption	While operating - 50mA, at idle - 6mA	ENVIRONMENTAL	
High temp shutdown	90°C disconnect solar 90°C disconnect load / diversion load 70°C reconnect solar / load / diversion load	Ambient temperature	- 40 to + 45°C
Transient surge protection		Storage temperature	- 55 to + 85°C
pulse power rating	7000 watts	Humidity	100% (NC)
response	< 5 nanosec	Enclosure	Indoor & vented, (powder coated steel)
		Specifications subject to change without notice	