

96V – 360 XANTRA VV PSC SOLAR CHARGE CONTROLLER TECHNICAL SPECIFICATIONS

Rated battery voltage 96V -120V, 120V-150V,192V- 216V,240V-260V,360-
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380V, 480V,540V,600V
Rated charging current 30A, 50A, 80A, 100A, 120A, 150A
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Next : [150A-400A PWM Solar Charge Controller](#)

Feature

- We choose high speed and high performance 32-bit processor with excellent EMC design
- The efficient series PWM charging method prolongs battery life and improves system performance.
- We choose imported IGBT power module as electronic switch, there is no any mechanical switch
- The perfect battery protection function and multi-stage charging improves battery life
- New SOC calculation which can accurately display the available capacity of batteries
- Structural design of fully enclosed duct and heat dissipation of high-speed intelligent fan to ensure the controller suitable for various harsh environments
- It has the statistical function of generating capacity which is very convenient for customers to view the daily, monthly and total charging capacity of the controller.
- Complete menu display and operation, user-friendly browsing interface, these makes every operation convenient
- It shows the ambient temperature. It also has automatic temperature compensation function and RTC real time function
- The second protection function to protect battery from damage when the power switch is down (optional function)
- RS485 communication function (Base on standard Modbus communication protoco

Parameters

Rated System voltage (V)	96	120	144	192	240	360	480	540	600
Rate charging current	30A	50A	60A	70A	80A	90A	100A	120A	150A
Max. input voltage (V)	192	240	288	384	480	720	960	1000	1000
Equalize charging voltage (V)	115.2	144.0	172.8	230.4	288.0	432.0	576.0	648.0	720.0
Equalize charging time (default setting)	120 minutes								
Float charging voltage (V)	110.4	138.0	165.6	220.8	276.0	414.0	552.0	621.0	690.0
Equalize charging recovery voltage (V)	105.6	132.0	158.4	211.2	264.0	396.0	528.0	594.0	660.0
Over voltage disconnect (V)	128.0	160.0	192.0	256.0	320.0	480.0	640.0	720.0	800.0
Over voltage reconnect (V)	120.0	150.0	180.0	240.0	300.0	450.0	600.0	675.0	750.0
No-load consumption	<0.5W								
Display	3" LCD + LED indicator								
Display language	English								
Protection	Input reverse polarity, under voltage, over voltage, short circuit, over temperature and so on								
Connector type	TC series barrier terminal								
Ambient temperature	-25~55°C								
Altitude	2000 meter								
Protection level	IP32 (indoor)								
Noise (1 meter)	<50dB								
Cooling method	Fan cooling								
Dimension	420*345*157mm								
N.W	11KG								
Packing size	540*470*280mm								
G.W	11.5KG								
Packing information	Pearl sponge + carton box								