

PV Module MPPT

- **High protection level:** IP65 protection, suitable for various outdoor scenarios;
- **Wide voltage input:** 200-900V wide voltage range for PV input; supports high-current PV modules;
- **Maximum power point tracking:** supports multi-channel MPPT maximum efficiency tracking; meets the needs of PV panels installed at various angles;
- **Multi-voltage level output:** rated output voltage supports DC750V/800V;



PV MPPT controller uses DC/DC conversion to monitor the voltage and current of PV modules in real time, ensuring that the PV system always operates at the maximum power point, thereby improving energy utilization efficiency.

Product Technical Specification Table

MPPT input voltage range	200~900Vdc
Full load MPPT voltage range	560~900Vdc
Number of PV input	12
Number of MPPT	4
Current per MPPT	55A
Output voltage range	600-950V
Rated output voltage	716.8V default, adjustable
Rated output current	168A
Rated output power	120kW
Efficiency	99.4%
Protection level	IP65
Cooling method	Natural cooling
Operating temperature	-30~55°C
Power supply mode	Self-powered (no night-time power consumption)
Communication interface	RS485
Overall dimensions(W*D*H)	630mm*460mm*260mm

The above parameters are for reference only and subject to change. Please refer to the actual product.

XI'AN WEIGUANG ENERGY TECHNOLOGY CO. LTD

Service Number: 400-868-6988

www.weiguangenergy.com