

SOLAR CHARGER CONTROLLER

MPPT TRACER A Series 1210A / 2210A / 3210A

Tracer A series adopts common positive design and advanced MPPT control algorithm. The products can track the MPP point fast and accurately in any situation which will improve energy efficiency and obtain the maximum solar energy.



Features:

- Advanced MPPT technology
- High tracking efficiency no less than 99.5%
- Peak conversion efficiency of 98%
- Ultra-fast tracking speed
- Accurately recognizing and tracking of multiple power point
- Multi-function LCD displays system information intuitively
- User programmable for battery types, load control etc
- 3-Stage charge with PWM output
- Common positive grounding design
- RS485 port with industrial standard MODBUS open architecture
- Fully programmable function via PC software or remote meter

Optional Accessories



Remote meter
MT50



Remote temperature sensor
RTS300R47K3.81A



PC communication cable
CC-USB-RS485-150U



Super parameter programmer
SPP-02

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Electronic Protections:

- PV reverse polarity protection
- PV short circuit protection
- PV over current alarm protection
- Battery overcharge protection
- Battery over discharge protection
- Battery reverse polarity protection
- Load short circuit protection
- Load overload protection
- Overheating protection

MODEL	1210A	2210A	3210A
NOMINAL SYSTEM VOLTAGE	12/24VDC AUTO WORK		
RATED CHARGE CURRENT	10A	20A	30A
RATED DISCHARGE CURRENT	10A	20A	30A
MAX. BATTERY VOLTAGE		32V	
MAX. SOLAR INPUT VOLTAGE	100V		
BATTERY TERMINAL VOLTAGE	9V ~ 32V		
MAX. PV INPUT POWER	130W (12V)	260W (12V)	390W (12V)
	260W (24V)	520W (24V)	780W (24V)
EQUALIZE CHARGING VOLTAGE	GEL: 14.2V, SEALED: 14.6V, FLOODED: 14.8V		
BOOST CHARGING VOLTAGE	GEL: 14.2V, SEALED: 14.6V, FLOODED: 14.8V		
FLOAT CHARGING VOLTAGE	GEL / SEALED / FLOODED: 13.8V		
LOW VOLTAGE RECONNECT VOLTAGE	GEL / SEALED / FLOODED: 12.6V		
LOW VOLTAGE DISCONNECT VOLTAGE	GEL / SEALED / FLOODED: 11.1V		
SELF-COMSUMPTION	≤20mA/12V; ≤16mA/24V		
TEMPERATURE COMPENSATION COEFFICIENT	-3mV/°C/2V(25°C)		
WORKING TEMPERATURE	-25°C ~ +45°C		
ENCLOSURE	IP30		
OVERALL DIMENSION	172X139X44mm	172X139X44mm	228X164X55mm
POWER CABLE	4mm ²	10mm ²	10mm ²
NET WEIGHT	0.6kg	1.1kg	1.2kg