

MPPT1050

Charge Controller

MPPT

- Innovative Max Power Point Tracking(MPPT) technology, tracking efficiency >99.9%
- Full digital technology, high charge conversion efficiency up to 98%
- 5 stages time can be adjusted
- 12/24V system voltage automatic recognition
- Lithium, AGM, Liquid and GEL battery for selection
- External temperature sensor, automatic temperature compensation
- Four stages charge way: MPPT, boost, equalization, float
- Day/Night threshold can adjust automatically



SPECIFICATIONS

Type	MPPT1050
System voltage	12V
Max solar/Load current	10A
Boost voltage	14.5V (25°C)
Equalization voltage	14.8V (25°C)
Float voltage	13.7V (25°C)
Overcharge protect	15.5V
Max volt on Bat. terminal	25V
Day/Night delay time	0~30Min (Programmable)
Battery type	Liquid, Gel, AGM (Programmable)
Temperature compensation	-4.17mV/K per cell (boost,equalization), -3.33mV/K per cell (float)
Output Current	10A
Max volt on PV terminal	45V
Max input power	130W
Dimensions/Weight	85.8 * 81 * 23.1 mm / 260g
Self-consumption	6mA
Ambient temperature	-35 ~ +60 °C



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