

MT3075LI

Charge Controller

MPPT

- Innovative Max Power Point Tracking(MPPT) technology, tracking efficiency >99.9%
- Full digital technology, high charge conversion efficiency up to 98%
- LCD display design, read operating data and working condition easily
- 12/24V system voltage
- Lithium, AGM, Liquid and GEL battery for selection
- External temperature sensor
- Four stages charge way: MPPT, boost, equalization, float
- With current-limiting charging mode



SPECIFICATIONS

Type	MT3075LI
System voltage	12V/24V auto
Max solar/Load current	30A
Boost voltage	<29.0V (25°C)
Equalization voltage	29.6V (25°C)
Float voltage	27.4V (25°C)
Overcharge protect	31.3V
Max volt on Bat. terminal	35V
Day/Night threshold	16.0V
Battery type	Lithium, AGM, Liquid and GEL
Temperature compensation	-4.17mV/K per cell (boost, equalization), -3.33mV/K per cell (float)
Max volt on PV(-20°C)	55V
Max volt on PV(-25°C)	50V
Max input power	780W
Dimensions/Weight	189 * 182 * 64 mm / 1300g
Self-consumption	≤8mA(12V); ≤12mA(24V)
Ambient temperature	-20 ~ +55°C



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