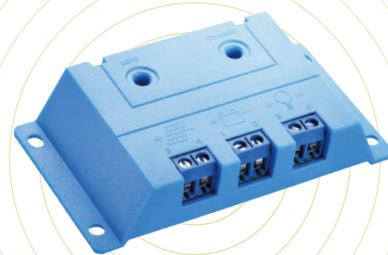


# SHINE05

## Charge Controller

### PWM



Shine series solar controller is especially for solar home system, with better cost-effective.

It comes with a number of outstanding features, such as:

- Low cost and high reliability design
- 12V system voltage
- Clear readable display of charge/discharge and error description\
- Temperature compensation
- Four stage charge way: fast, boost, equalization, float
- Full automatic electronic protect function

### SPECIFICATIONS

Type	MT3075LI
System voltage	12V
Max solar/Load current	5A
Boost voltage	14.5V (25°C)
Equalization voltage	14.8V (25°C)
Float voltage	13.7V (25°C)
Load disconnect voltage	11.0V
Load reconnect voltage	12.5V
Day/Night threshold	5.0V
Battery type	Liquid
Temperature compensation	-4.17mV/K per cell (boost,equalization), -3.33mV/K per cell (float)
Max solar voltage	30V
Max battery voltage	25V
Over voltage protection	15.5V
Dimensions/Weight	90 * 49 * 18 mm / 36g
Own consumption	5mA
Ambient temperature	-40 ~ +60°C



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