

200W MPPT Controller Module

BM82D9021-1

Characteristics

- PV input voltage up to 80V, MPPT operating voltage: 10V ~ 80V
- Adopts Buck-Boost architecture with integrated PV under/over-voltage, battery/system over-temperature protection functions
- Integrated MPPT algorithm with MPPT efficiency up to 99%
- Rechargeable battery selection: lead acid battery, lithium battery
- Supports 4-stage charging mode
- Support for BMduino (Arduino) development

Applications

Solar charge controllers, portable power stations, solar inverters, etc.

Block Diagram

