



# 1000W/500Wh Outdoor Power

## 800W MPPT Solar Charge Controller (HT32F61049)

### Characteristics

- MPPT algorithm combined with dynamic tracking, efficiency  $\geq 99\%$
- Four-tube sync buck-boost, efficiency up to 98%
- Wide voltage input: 10V~100V, suitable for most solar panels
- 4-stage charging: Trickle, CC, CV, Float
- Over voltage/current/temperature, reverse connection, short circuit protection, etc.
- Interfaces: UART/RS485/CAN; Fan control reserved

### Applications

Outdoor power, solar-powered recreational vehicles, etc.

### Block Diagram

