



- **Designed for use with Solar Panels**
- **Max Power Point Tracking (MPPT)**
- **Maximises Battery Life**
- **Wide input supply range**
9V - 36V DC
- **Selectable Charge Profiles**
For 1.2Ah to 12Ah
- **Small DIL footprint**
51mm(L) x 30mm(W) x 16mm(H)
- **Deep discharge protection**
- **Temperature Compensation**
- **Simple integration**

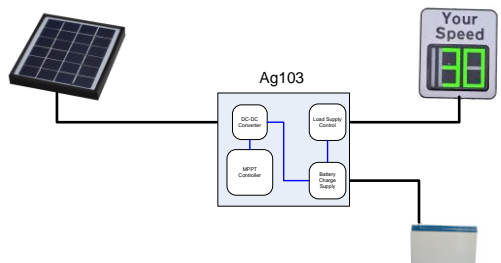
The Ag103 module is an intelligent, cost effective battery charge controller designed specifically for use with Sealed Lead Acid Solar Batteries and Solar Panels. Ag103 is designed to help maximise the working life of a connected Sealed Lead Acid (SLA) battery, by implementing an intelligent charging profile combined with additional safety and maintenance features.

Multi-stage intelligent charging monitors battery status, providing bulk, float or no charge as necessary. With in-built

features such as Maximum Power Point Tracking (MPPT) maximising available power and output voltage optimising the charging process. It has deep-discharge protection to prevent permanent battery damage and temperature compensation. The Ag103 provides a comprehensive solution for Solar Panel applications.

The module accepts a wide DC voltage input range, from 9V to 36V, providing added versatility, and can be connected to a wide range of battery capacities from 1.2Ah to 12Ah.

Ag103 has been designed as a drop in solution requiring minimal additional components for charging batteries from a solar panel. Its low cost, small footprint, high efficiency and battery lifetime maximising features make it an extremely useful and versatile charger for use in modern Eco-friendly solar panel powered battery backed electronics installations, such as parking meters, emergency lighting, alarm systems, door access control and UPS.



Road Sign Application