

# START GUARDS



AVSG12SG2 12V  
AVSG24SG2 24V

## Stop your tail lift from flattening your battery!



With  
speech  
alarm

The Amber Valley Start Guard gives peace of mind to vehicle fleet operators. It safeguards the voltage in the starting battery by eliminating the possibility of a tail lift, passenger lift or double deck trailer lift, discharging the starting battery to a level where the vehicle is left stranded.

The Start Guard constantly monitors the battery voltage. If the voltage drops below a predetermined level (sufficient to start the engine) the unit will tell the operator by means of a buzzer or a real speech alarm that they must restart the engine. If they do not restart the engine, the unit will cut the power to the tail lift. When the engine is restarted, the power is automatically restored when the battery reaches a predetermined voltage.

- Latest generation battery protection
- Quick and easy to install
- Save costs on vehicle down time and flat batteries
- “Battery low, please start engine” message or buzzer
- Available in 12V and 24V
- Operating temperature -40°C – 120°C
- High peak current capability to 1800A
- Continuous rating to 190A
- Shock resistant to 40G
- Automatic battery monitoring
- Double latching technology
- Solid State Electronics completely encapsulated against water, acid, oil and dust
- OEM specified – 12V and 24V

## Technical specification

Part number	Cut off voltage	Restart voltage	Quiescent current	Warning current (max)	Delay to warning	Warning duration	Delay to off from warning	Buzzer	Spoken warning
AVSG12SG2	11.7V	13.0V	3.0mA	2.5A	1 min	7 secs	55 secs		✓
AVSG24SG2	23.5V	26.0V	3.0mA	2.5A	1 min	7 secs	55 secs		✓