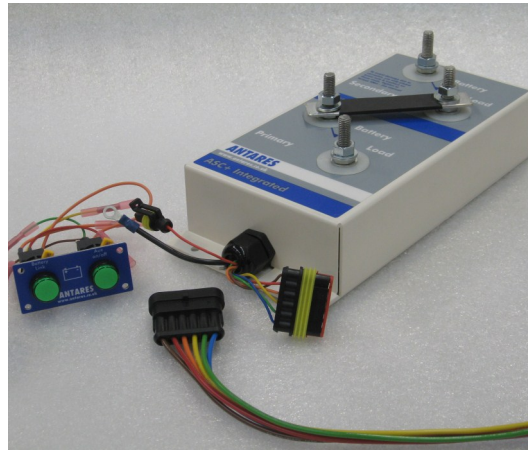


ASC+ Integrated

ALL-IN-ONE EASY TO FIT BATTERY MANAGEMENT MODULE



The ASC+ integrated contains all the elements of the ASC+ Dual, but is packaged for easy bulkhead mounting. It is also designed to allow multiple units to be easily combined into a more complex package. It minimises installation time, thereby saving money. The internal pre-programmed controller operates two high-power latching contactors in a variety of ways.

Innovative busbar linking makes wiring more compact, neater, and safer.

Power functions offered:

- Auto Split Charge
- Engine Start Protect
- Auxiliary Load Isolation
- Assured Engine Starting
- Battery Isolation
- Deep Discharge Protection
- Timed Disconnect
- Tail-Lift Protection

Please call us for assistance in selecting the right ASC+ integrated for your application.

SUMMARY OF FEATURES

- 12V and 24V versions
- 190A current rating
- No contactor current draw when latching contactors are in either "on" or "off" state
- Dashboard manual switch control with system fault indication.
- Four standard configurations cover most applications
- Complete system-easy to fit
- 3A fused feed for clock/ICE/ central locking from either battery
- Includes unique busbar saving time
- Customisable configuration
- Controller and two contactors integrated into a single enclosure

Overview

The system consists of a power module, switch connection loom and illuminated switch panel.

It is easy to fit and requires only the addition of power cables and fuses (if required) to complete the installation. The unit is produced in a number of configurations to suit the most common applications (see overleaf). Each configuration comes pre-programmed to standard values.

Customisable Configuration

We can configure different contactor open/close voltages and/or different time delay values to meet your individual requirements for a nominal charge. At Antares we pride ourselves on our approach - partnership supply, fully engineered, integrated, reliable and long lasting systems with life-of-vehicle technical support.



FM 37786
ISO 9001:2008

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ANTARES
engineering with answers

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This table shows the standard configurations available to meet most commonly used applications. To choose the one that meets your needs, follow these steps:

- 1) Select one of the four main configurations shown on the right,
- 2) Determine vehicle voltage (12V or 24V)

The dashboard switching offers manual intervention to bring in contactors such as assured start. Contact us for a "special" if this feature is not required. We are happy to discuss the best approach for your application.



| SPECIFICATIONS | | | |
|--|---|------------------|--|
| | Voltage | Contactor Rating | Features and Contactor voltages |
| | | 190A | |
| AUTO SPLIT CHARGE + AUXILIARY BATTERY PROTECT (Includes ASSURED START) | 12V | 90962 | Assured Start connects aux battery back-in manually to allow emergency start. |
| | 24V | 90963 | ASC contacts open at 12.7V/25.4V close at 13.1V/26.2V ABP aux battery deep discharge protection open at 10.5V/21.0V |
| AUTO SPLIT CHARGE + ENGINE START PROTECT | 12V | 90964 | ASC contacts open at 12.7V/25.4V close at 13.1V/26.2V |
| | 24V | 90965 | ESP contacts open at 12.2V/24.4V |
| TWIN AUTO SPLIT CHARGE | 12V | 90966 | Can be connected in parallel if required. |
| | 24V | 90967 | ASC contacts open at 12.7V/25.4V close at 13.1V/26.2V |
| LV PROTECT + AUX DEEP DISCHARGE PROTECT | 12V | 90968 | Sheds non-essential loads 1st, then all aux loads as voltage drops. |
| | 24V | 90969 | Essentials loads (deep discharge protection) contacts open at 10.5/21.0V Non essential loads contacts open at 12.2V/24.4V |
| Connections | Power: 190A = M8 studs, | | |
| Dimensions | 88mm (incl studs) (H) / 121mm (W) / 275mm (L) | | |
| Weights | Shipping weight: approx 1.3kG | | |

