



\* Fuse recommended. Please verify directive for applicable installation regarding fuses

## General Information

### Starter battery:

Typically 55Ah to 100Ah for automotive applications.

A start battery should never be deeply discharged.

### SMARTPASS 120:

Install according to instruction manual.

### Fuses:

If fuses are used, mount the fuses as close to each battery as possible.

Suitable fuse size:

D250SA: 30A

D250SA and SMARTPASS 120: 300A

Please verify directive for applicable installation regarding fuses.

### Service battery:

Size: 40Ah to 800Ah. (D250SA and SmartPass 120)  
Batteries are connected in parallel to increase capacity (Ah).

Suitable deep cycle batteries should be used.

### Wiring:

Please see instruction manual for suitable dimensions.  
Please verify directive for applicable installation regarding wiring.

A thick wire generate less voltage drop than a thinner wire at high current.

### Charge voltage:

You can choose between 14.4V and 14.7V (AGM) on D250SA.

If you not connect the Black AGM cable you get 14.4V  
If you connect the Black AGM cable to minus you get 14.7V.

### Bow thruster battery:

Typically 55Ah to 100Ah with high CCA (cold cranking amps) a Starter battery or equivalent.

A start battery should never be deeply discharged.

### Alternator:

If the alternator is a "smart alternator" that can adjust voltage level by the engine control module or similar.  
To get D250SA support a Smart alternator you connect the Red Smart Alternator cable to the ignition.

### D250SA:

Install according to instruction manual.

### Temperature sensor:

Attach the temperature sensor onto the service battery.