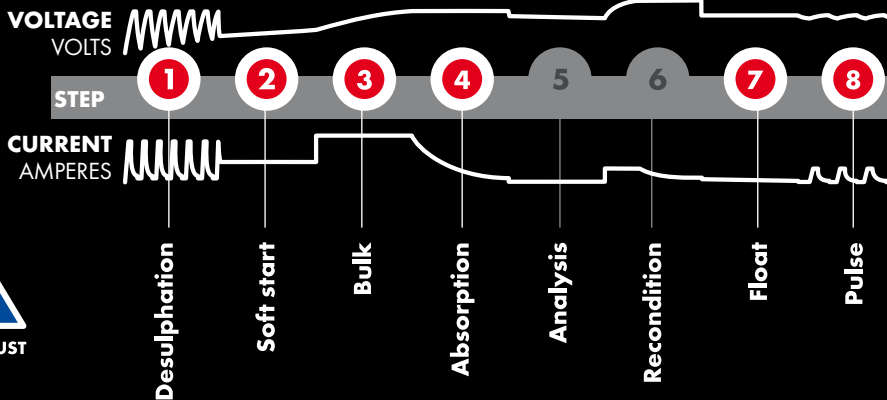




## D250S

6 step



## Technical data D250S

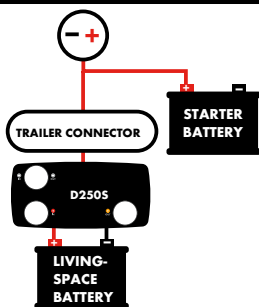
<b>Input voltage</b>	12.8-22V DC (7-22V DC on request)	<b>Charging voltage</b>	14.4V, temperature compensated
<b>Charging current</b>	20A max	<b>Efficiency</b>	95%
<b>Own Consumption</b>	<4mA	<b>Current ripple</b>	<1%
<b>Ambient temperature</b>	-40°C to +50°C, output power is reduced automatically at higher temperatures	<b>Cooling</b>	Natural convection
<b>Charger type</b>	Multi-stage, fully automatic DC/DC charger with float/pulse maintenance	<b>Battery types</b>	12V lead-acid batteries (Wet, MF, AGM, Gel and Calcium)
<b>Dimensions (LxWxH)</b>	192x110x65mm	<b>Enclosure class</b>	IP65 (splash and dust proof)
<b>Weight</b>	0.7 kg	<b>Battery temperature</b>	-40°C to +70°C
		<b>Battery capacity</b>	40-500Ah

### CARAVAN/CAMPER

**Situation:** One battery for all consumers.

**Problem:** The caravan battery is located a long way from the generator, resulting in considerable voltage drop at the trailer connection. The caravan battery is never fully charged by the generator.

**Solution:** The D250S gives a perfect charging curve for the caravan battery without discharging the starter battery.

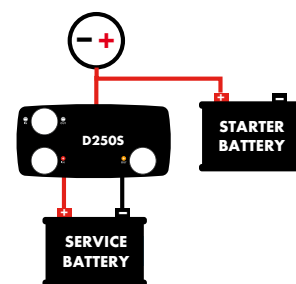


### RESCUE AND WORK VEHICLES

**Situation:** Consumers discharge the starter battery.

**Problem:** Equipment on board discharges starter batteries, or difficult to charge extra service battery.

**Solution:** The D250S senses that the engine has started and charges the service battery quickly and efficiently.

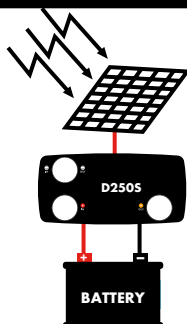


### SOLAR PANELS

**Situation:** Solar panel.

**Problem:** A solar panel operates optimally at about 17V. Many regulators reduce the voltage by "burning off" energy.

**Solution:** The D250S searches for the optimum operating point (Maximum Power Point) and charges the battery perfectly at high degree of efficiency.

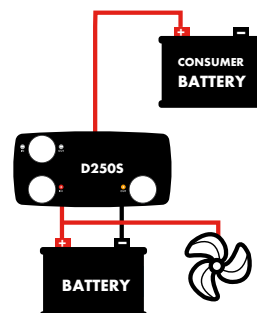


### BOW PROPELLER AND ANCHOR WINCH

**Situation:** Consumers located at a distance and with current of short duration.

**Problem:** No individual charging, short life. Installation using heavy cables.

**Solution:** The D250S is placed close to the battery and charges it perfectly with adaptation to the battery temperature.



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