

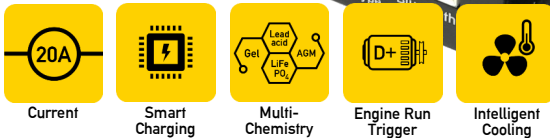
DC-DC Battery Charger

20Amp, 3-Stage

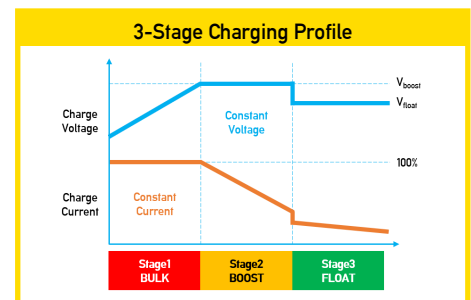
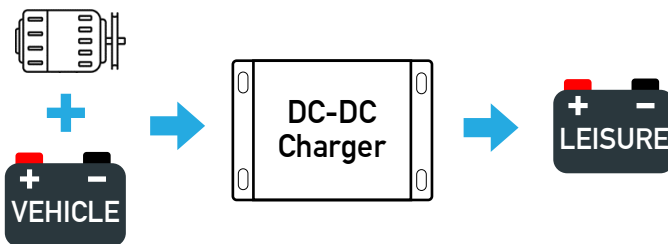
SARGENT
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This DC-DC charger takes power from the vehicle battery and alternator, to provide rapid multi-stage charging of a leisure battery. The battery is more fully charged than using traditional relay systems and any voltage losses in cabling are reduced. An engine running input ensures the charger is compatible with both smart and standard alternators and selector switches provide the optimum charging profile for most battery types.

DX320-12



Specification	DX320-12
Power	260W
Input Voltage range	10.5 - 15.4V
Output Voltage range	8 - 16V
Output Current	20A (max)
Standby Current	17mA (max)
Regulation Method	Buck / Boost
Efficiency @12V	94%
Engine run (D+) input	Yes
Dimensions (LxWxH)	147 x 118 x 41mm
Weight	460g



- **Multi-Stage charging** - 3-Stage profile maximises charge into the leisure battery
- **Vehicle battery protection** - charging is automatically reduced to avoid over-discharge
- **Selectable battery types** - optimised for Gel, Lead Acid, AGM, LiFePO4 & Lithium Ion
- **Charging indicators** - clearly display charging status
- **Temperature compensation (optional)** - automatically adjusts charging rate depending on temperature
- **Quiet operation** - from intelligent fan cooling
- **Fully protected** - built-in overload, short circuit & over temperature protection