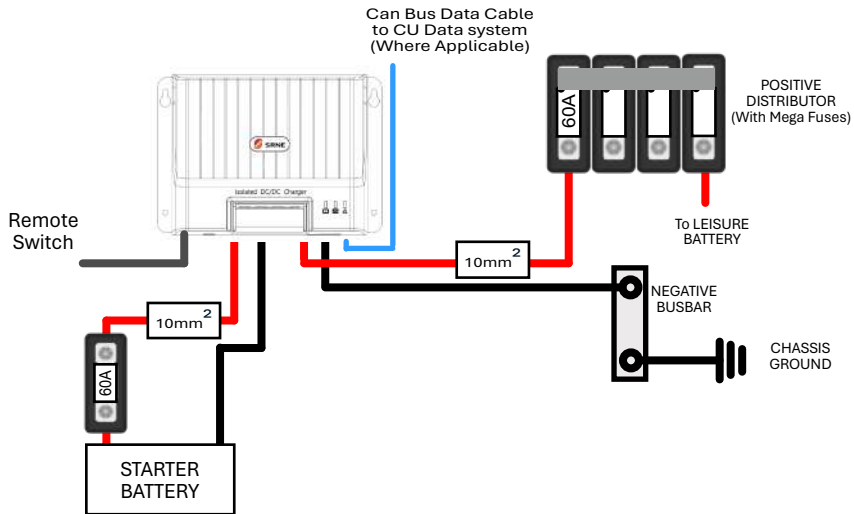


SRNE DCI12-1230



INSTALLATION

- 1: Install the SRNE DCI12-1230 charger in a ventilated space with at least 500mm space at the top and bottom.
- 2: Run 10mm cables (positive and negative) from the SRNE DCI to the starter battery. If your installation is over 10m long increase cable size to 16mm². Connect T10-6 battery lugs on SRNE DCI and Midi Fuse holder and T10-8 connectors on the starter battery side, depending on battery terminals
- 3: Install mega or mini fuse near starter battery. Fit a 60A midi or mega fuse.
- 4: Run 10mm cables (positive) either to a Positive Distribution block or direct to the Leisure battery. Ensure this is fused with 60A Mega or Midi fuse. T10-6 connector required on SRNE DCI and T10-8 connector on positive distributor of mega fuse.
- 5: Run 10mm cables (negative) either to a battery negative, ground or negative busbar. T10-6 connector on SRNE DCI and T10-10 on our busbar or T10-8 on battery terminal

It is recommended to follow the diagram above to future proof your system.

Please also reference manufacturers manual.

Adding and configuring device

- 1: Load the SRNE app
- 2: Adding device - Select [+] and select the device from the list of devices.
- 3: Add device and follow and password notifications. The default password is 123456 (if required).
- 4: Once the device is added, select the device and press the setup cog ⚙ in the top right corner.
- 5: Complete the configuration. Items marked with * need your input. Please note some fields are fixed based on battery chemistry type. If you need to enter specific settings, then change to custom options

Options	Value
Functions*	Charge Mode - Set to Charging mode to charge Leisure battery from Alternator
Output Switch	Stop charging Normally set to ON.
Battery Settings	Value
System Voltage	12v
Battery Type*	Select Leisure battery type.
Nominal Capacity*	Enter Leisure Battery Capacity i.e. 200AH
Charger Settings	Value
Max charge	30A Default
Over Voltage	Over Voltage is a protection setting that triggers when the battery voltage rises above a safe limit. Fixed setting unless you select Custom Options
Charge Limit Voltage	Charge Limit Voltage is the maximum battery voltage the charger is allowed to reach during charging. Fixed setting unless you select Custom Options
Equalization Charge	Equalization Charge is a special charging stage where the charger raises the battery voltage above normal charging levels to balance the battery cells. Fixed setting unless you select Custom Options (Check battery manufacturer recommendation) Used for Lead Acid Batteries
Absorption Voltage	Absorption Voltage is the charging voltage the battery is held at during the absorption stage of charging. Check battery manufacturer recommendation, default is normally okay
Float Charge Voltage	Float Charge Voltage is the lower maintenance voltage applied to a battery after it has been fully charged.Fixed setting unless you select Custom Options (Check battery manufacturer recommendation)
Recharge Voltage	Recharge voltage is the battery voltage level at which a charger or controller (MPPT, inverter/charger, or DC-DC charger) will restart charging after the battery has previously been full or the charging cycle has ended.
Equalization Charge Time	Equalization Charge Time is the length of time the charger will hold the battery at the equalization voltage during an equalisation cycle. Lead Acid ONLY. Check battery manufacturer recommendation, default is normally okay
Max Absorption Time	Max Absorption Time is the maximum amount of time the charger will stay in the absorption charging stage before moving to float (or finishing the charge cycle). Check battery manufacturer recommendation, default is normally okay
Equalisation Charge Interval	Equalisation Charge Interval is the time period between automatic equalisation charging cycles on a battery charger, MPPT , DC controller. Lead Acid ONLY. Check battery manufacturer recommendation, default is normally okay
Under Voltage Warning	Under Voltage Warning is the battery voltage level where the system warns that the battery is getting low, but it does not shut anything down yet.
Full Cut-Off Current	Full Cut-Off Current is the charging current level at which the charger decides the battery is fully charged and stops the absorption stage. Battery is determined to be full when this current charge is met.
Alternator Settings	Value
Select Alternator Type*	We recommend setting this option to Traditional alternator . Alternatively, you can use User Defined settings. Intelligent alternator settings we believe are a little low for Euro 6 alternators
Input Startup Voltage	Input Startup Voltage is the minimum alternator voltage required for the DC controller to wake up and begin operating.Fixed setting unless you select Custom Options
Input Stop Voltage	Input Stop Voltage is the alternator battery voltage at which the DC controller stops charging because the charge voltage has fallen too low. Fixed setting unless you select Custom Options
Expert Mode	Leave ON