Wire Colour	Wire Description	Wire Size
Red	On/Off Power Input - Positive Input	2mm
Black	Common Ground	2mm
Yellow	Ext LED Charge Status - Negative Output	2mm
Orange	Charge Output - Positive Output (requires a 10A Inline Fuse)	3mm
Red/White	Charge Input 1 – Positive Input(requires a 10A Inline Fuse)	3mm
Red/Blue	Charge Input 2 – Positive Input(requires a 10A Inline Fuse)	3mm

Programming the 6A DC to DC Smart Charger please watch the setup video - Click here.

Program Mode	Battery Type	Boost	Float	Boost Threshold	LED Selection
1	Flood(Wet Led Acid)	14.4V	13.6V	12.4V	L1
2	Sealed	14.4V	13.5V	12.4V	L2
3	Gel		13.6V	12.4V	L1 + L2
4	Lead Calcium				L3
5	Lithium - (LiFePO)				L1 + L3
6	Power Supply Mode	Output Supply 13.8V@6amps			L2 + L3
7	Custom 1 (1 Input for 3A or both Inputs above 10.5V for 6A) used for low current charging circuits.	14.3V	13.4V	12.4V	L1 + L2 + L3

Important Note: We recommend fitting a 10A Inline fuse on both the input and output charge sides of the charger to protect cables from short circuits etc. It is most important to also mount your 6A DC to DC Smart Charger as close as possible to your auxiliary battery.

Release Date: 17/02/2021	Product Part No: W014.001	**WOODTECH ELECTRONICS** **www.woodtech.net.au**	Product Description: 11-30VDC 6A DC to DC Smart Charger with Power Supply