

4DU BLOCKING DIODE INSTRUCTIONS AND WIRING DIAGRAM

FILE 4DU

The 4DU unit is designed to be used in conjunction with an Aerogen/ Aquagen and a 2TB - 4TB Voltage Regulator to enable one additional battery to be charged and regulated independently of the other batteries.

TO
AEROGEN
OR
AQUAGEN

CONNECTING THE UNIT
The 4DU has two short RED cables, and one long (1 Metre) RED cable, they must be connected as follows. The long RED cable must be connected to the + positive of battery one.
One of the short RED cables (it does not matter which one) must be connected to the + Positive output cable of the Aerogen/Aquagen generator.
The other short RED cable must be connected to the RED + input cable of the TB regulator. Use the push-fit connectors supplied.

IMPORTANT : THERE MUST BE A HEAVY DUTY NEGATIVE CABLE LINKING ALL THE NEGATIVE TERMINALS OF EACH BATTERY

As with the TB Voltage Regulators a switch can be fitted in the long RED cable attached to battery one, to permit individual batteries to be charged. Note: refer to the TB regulator instruction sheet for the correct switch rating.

NOTE: AT LEAST ONE BATTERY MUST BE CONNECTED AT ALL TIMES

LVM MODEL	FUSE RATING
212	5 AMP
224	3 AMP
412	20 AMP
424	15 AMP
412F	20 AMP
424F	15 AMP
612F	30 AMP
624F	20 AMP
AQ412	15 AMP
AQ424	7.5 AMP
AQ612	20 AMP
AQ624	10 AMP
AQA412	20 AMP
AQA424	15 AMP

PUSH-FIT CONNECTORS

4DU UNIT
FUSE - SEE TABLE ABOVE

RED + + RED + RED + - BLACK

DUMP RESISTOR

GREY CABLE GREY CABLE

FUSE

FUSE

HEAVY DUTY LINK CABLE

RED CABLE

BLACK CABLE

HEAVY DUTY LINK CABLE

RED CABLE

No. 1 BATTERY

No. 2 BATTERY

No. 3 BATTERY

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