

12v Power and Split Charging System for Van Conversions Not Equipped with Stop/Start Function



NE185

- Flush mounted
- Clear Perspex cover
- Dims: 18cm (w) x 10cm (h) x 7cm (d)



NE196

- Surface mounted
- Larger unit – more outputs
- Dims: 14cm (w) x 18cm (h) x 9cm (d) (excluding



NE274

- Flush mounted
- Voltage & charge % readout (both batteries)
- Extra functions inc. in/out temperature
- Dims: 18cm (w) x 10cm (h) x 7cm (d)



NE293

- Flush mounted
- Voltage readout (both batteries)
- Dims: 18cm (w) x 10cm (h) x 7cm (d)

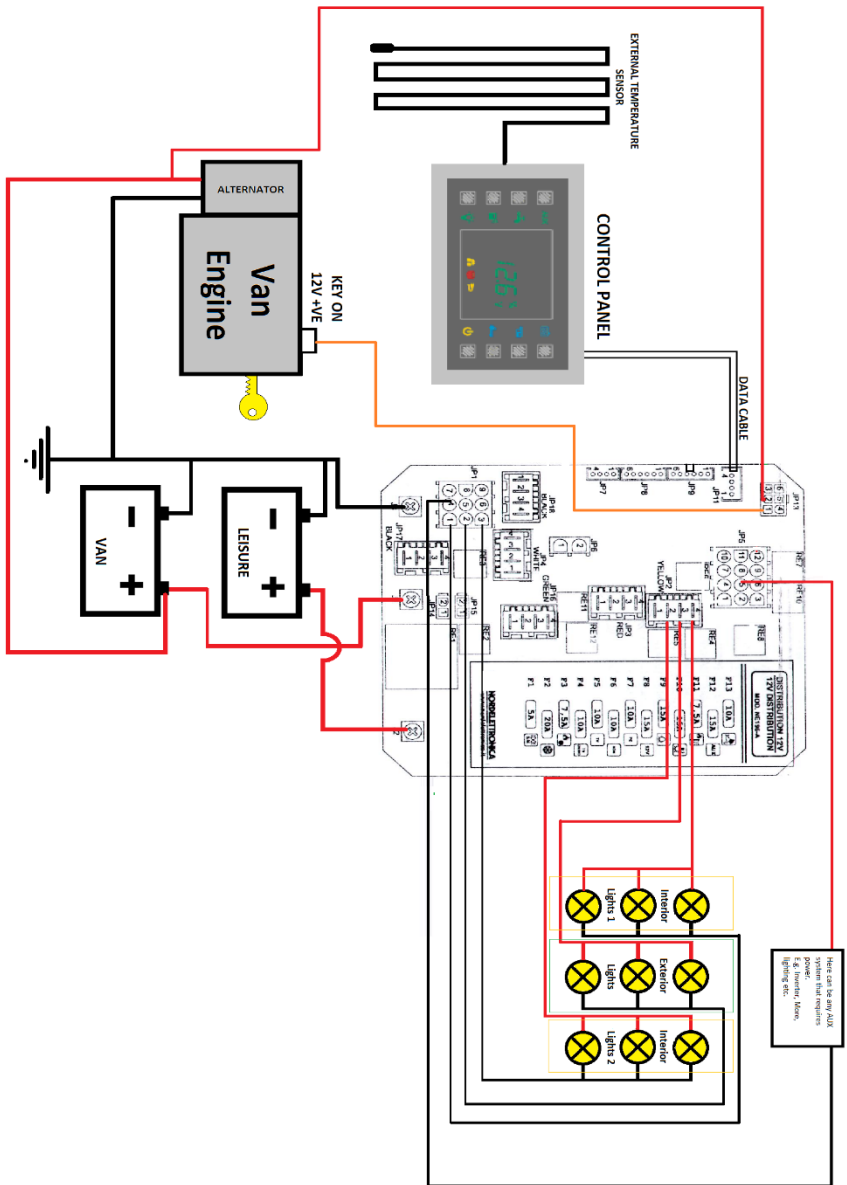
This Basic system from Nordelettronica includes a combination of either the NE185 or NE196 fuse board with either of the NE274 or NE293 Control panels.

Both Fuse boards have built in split charging relays (which can be used in vans without a stop/start ignition function).

The Control panels both have a feature for displaying both the leisure and vehicle battery voltages. The NE274 can also give you the percentage of charge in both batteries whilst with an external temperature sensor connected, give you ambient temperature both inside and outside the van.

This system is an islanded version of our full system which includes the 230v side for hooking up to a mains source; a mains powered battery charger that will charge both batteries in the system and also 230v mains circuit breaker box for protection against fluctuating incoming current from a generator for example.

On the following page is a basic wiring diagram for the system using the NE274 control panel and NE196 fuse box, then on the final page is a pricing break down of all in the afore mentioned parts for reference:



FUSE BOX KEY

- J11: AUTO BATTERY INPUT**
1. Input + AUTO battery (80)
- J2: SERVICE BATTERY INPUT**
1. Input - SERVICE battery (80)
- J3: NEGATIVE**
1. NEGATIVE
- J4: NEGATIVE**
1,2,3,4,5,6,7,8,9: NEGATIVE
- J42: LIGHT OUTPUT (YELLOW)**
1. output (+) (F8 15A)
2. LIGHTS 1 output (+) (F9 15A)
3. EXTERNAL LIGHT output (+) (F10 15A)
4. LIGHTS 2 output (+) (F10 15A)
- J43: SOCKET OUTPUT (RED)**
1. output (+) (F4 10A)
2. output (+) (F5 10A)
3. output (+) (F6 10A)
4. output (+) (F7 10A)
- J44: FRIDGE OUTPUT (WHITE)**
1. Fridge output (+) output (F2 20A)
2. Fridge output (+) activated by relay (F2 20A)
3. Supply fridge board (F3/7.5A)
4. NEGATIVE
- J45: POWER OUTPUTS**
1. Ignition (F11 7.5A)
1.4. Ignition (F12 15A)
2.3,5,7,8 AUX output (+) (F13 10A)
6,9. output (F13 10A)
10,11. D+ output (max 1A)
12. PUMP output (+) (F13 10A)
- J46: D+ OUTPUT**
1,2. Positive output (max 0.5A) to activate all charges operating with engine running (e.g. Inodge AFS, aerial entry, discharge valves, etc.)
- J47: ZANK S2**
See detailed table for the type of display control panel (last page)
- J48: ZANK S2**
See detailed table for the type of display control panel (last page)
- J49: ZANK S1**
See detailed table for the type of display control panel (last page)
- J414: CONTROL PANEL**
4-pole connector to connect the control panel with the cable provided.
- J413: INPUT CONTROL: D+, SIDE MARKER, POWER MAIN**
1. +Key-on input (C036L1A-13)
2. D+ input from alternator
3. POWER MAINS ON input from battery charger
4. Side marker positive control input
5. Side Marker negative control input (C036L1A-1)
6. D+ negative control input (C036L1A-2)
- J414: Side Marker left output**
1. Side Marker lx output (+) (F1 5A)
2. NEGATIVE
- J415: Side Marker right output**
1. Side Marker rx output (+) (F1 5A)
2. NEGATIVE
- J416: PREDISPOSITION (GREEN)**
1. SOLAR PANEL +Aux Battery (F2 20A)
2. output (+) (F3 7.5A)
3. NEGATIVE
4. SOLAR PANEL -Service Battery (F4 10A)
- J417, J418: NEGATIVE (BLACK)**
1,2,3,4: NEGATIVE



System Pricing:

Part	Description	Price (ex VAT)
NE185	Smaller Fuse Board.	£77.00
NE196	Larger Fuse Board.	£77.00
NE274	Large Control Panel.	£40.00
NE293	Small Control Panel.	£32.00
Data Cable	For connecting the control panel to the fuse board.	£9.00
Temp. Sensor	For use with NE274 (optional).	£5.00
Plugs & Connectors	Pack of all connections on fuse board (wire to be provided by customer)	£5.00
NE287	Battery Charger (21amp, 300W)	£75.00
NE198	Mains Fuse Box.	£38.00
Water Sensor	Customisable as per the depth of your tank.	£10.00
Water Sensor cable	Connects the sensor to the fuse board	£5.00

All prices are excluding VAT and delivery and are only relevant when buying a complete kit, individual part prices will differ from the above – check our online shop for details.

(Next day delivery cost from stock = £8.00)

For any more details please contact:

Paul Bowers

Tel: 01732 865435

Mob: 07947 278899

Email: sales@deltaconversions.com



Sackville House
Old Crown Farm
Sackville Lane
Hartfield
East Sussex
TN7 4AW