Installation Instructions: Please Read

1. Unpack unit and check that it has not been damaged in transit
2. Find a suitable position for the OptiVolt as close to the consumer unit as possible.
3. Using the enclosed template drill the 4 fixing holes and using suitable wall plugs / fixings mount the unit using the slotted holes on the OptiVolt.

Remove the cover by unscrewing 2 cover screws on the lid

4. Disconnect mains and install a suitable Isolator in the grid supply
5. Run Live and Neutral tails from the isolator to the Live in and Neutral in connections of the OptiVolt.
6. Run Live and Neutral tail wires from the Live out and Neutral Out of the OptiVolt to the consumer unit isolator switch.
7. Earth the OptiVolt via the exterior earth stud using 6mm² earth wire to main earth terminal
8. Replace cover and turn on mains.
9. Test output voltage and adjust by moving the white wire as required (see note on main diagram)
10. Carry out required tests to check continuity and insulation.
11. Complete the form on the Owner Document sheet.

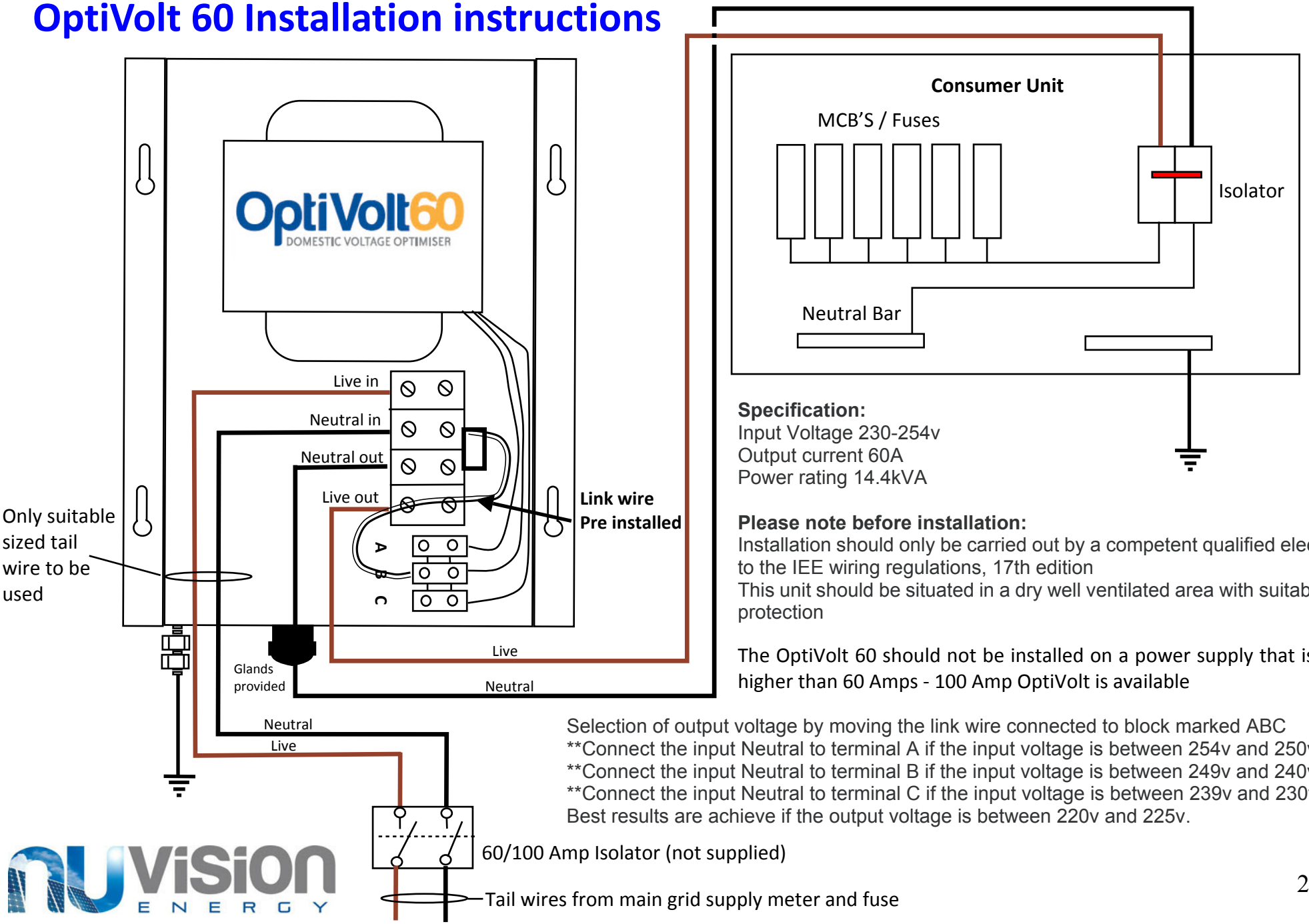
Warning: OptiVolt contains live components when operating and under no circumstances should it be operated with the cover removed.

Warranty: 5 years standard warranty against product failure (see standard warranty document) - possible extension to 10 years (see separate warranty extension document NVEWE/010/0134

Servicing: There are no serviceable parts in the OptiVolt however to qualify for the 10 Year extension (Please see separate warranty document) it is necessary to carry out a visual and continuity /earth leakage test. It is suggested that the casing is wiped clean with a dry cloth on an annual Basis.

WIRING DIAGRAM ON PAGE 2

OptiVolt 60 Installation instructions



Specification:
Input Voltage 230-254v
Output current 60A
Power rating 14.4kVA

Please note before installation:
Installation should only be carried out by a competent qualified electrician to the IEE wiring regulations, 17th edition
This unit should be situated in a dry well ventilated area with suitable fuse protection

The OptiVolt 60 should not be installed on a power supply that is fused higher than 60 Amps - 100 Amp OptiVolt is available

Selection of output voltage by moving the link wire connected to block marked ABC
**Connect the input Neutral to terminal A if the input voltage is between 254v and 250v
**Connect the input Neutral to terminal B if the input voltage is between 249v and 240v
**Connect the input Neutral to terminal C if the input voltage is between 239v and 230v
Best results are achieve if the output voltage is between 220v and 225v.

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