

Power Distribution

Brochure

LV Switchgear

Best-in-class modular low-voltage switchgear product developed, designed, tested and brought to market by Hanley Energy



**HANLEY
ENERGY**

hanleyenergy.com



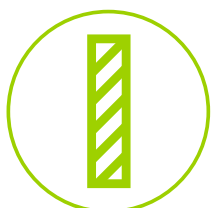
LV Switchgear

Hanley Energy has developed, designed, tested and brought to market its own best-in-class modular low-voltage switchgear product.

Flexible, compact, and futureproofed, Hanley Energy's switchgear range delivers exceptional performance and build quality, enabling safe and reliable distribution of electrical power.



Circuit breakers
up to 6,300A



Main busbars rated from
1,000A up to 6,300A



Unique twisted transition
copper sections



Tested & certified:
IEC EN 61439-2 Ed3
UL 891 12th edition



Range from 1,000A to 6,300A
(ratings of 50kA for 1 second
to 100kA for 1 second)



Fully-customisable design

One of the main advantages of the modular switchgear is the fact it can be easily customised to each customer's bespoke needs.

This means a more personalised, tailored product rather than generic designs that are less efficient.

The product is easy to build and can be deployed quickly – pre-assembled one-piece skids are also available.

If a customer has a change of mind in the middle of the process, Hanley Energy can very quickly accommodate that because the modular system can be easily changed and rearranged.





In-house temperature testing

- Temperature rise test laboratory fitted out with a current generator capable of 11,000A for in-house testing
- Offers the flexibility to rapidly verify new configurations or new designs to meet customer requirements
- Ability to manufacture without having to schedule access to an independent lab
- Compresses the development cycle time

Versatility of design

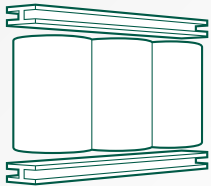
- Facilitates on-site modification and alterations to allow the system to be adapted to a changing site
- Design of the busbar system allows for total versatility, with the option to mount the horizontal busbar on the top, middle or bottom of the panel
- The location can be changed through the panel to facilitate different cable entry requirements
- The busbar systems can be offered with bare, tinned, or insulated copper with a 100% neutral rating as standard

Resilience of product


- Designed to be maintenance-free and give a long service life
- All joints within the busbar system are pressure bolted and maintenance-free
- Typical life expectancy of 20 years and beyond
- Hanley Energy ensure maximum efficiency with the minimum of components, which means minimum footprint
- Seismic qualification in line with International Building Code (2021) assessed per ASCE 7-16 (2016)
- All parts are 100% recyclable



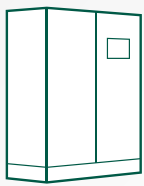
Discover our Power Distribution product range



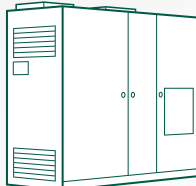
**MV/LV
Transformers**




LV Switchgear




UPS




PDU



RPP



Busbar

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Want to learn more?
Talk to our engineers and design specialists
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