

WILSON d2 (iDNO) UNIT TYPE[®] TRANSFORMER

DNO & iDNO approved transformers from 315kVA to 2.5MVA



We supply UK DNO & iDNO approved ground-mounted unit type transformers on a short lead time, with selected units available in stock. Being Toshiba's exclusive UK partner, we are now able to service UK network-competitive connection projects utilising transformers manufactured according to UKPN, SSE and SPEN specifications.

The strategic partnership between Wilson Power Solutions and Toshiba and the framework agreements with DNOs and iDNOs give us the confidence to provide the best products and after-sales support to iDNO and ICP projects in the UK.

Our Wilson d2 (iDNO) Unit Type[®] Distribution Transformers come with HV & LV on the same side and are compliant with Tier 2 (2021) Ecodesign requirements for transformer losses.

UKPN, SSE & SPEN
approved transformers
on a short lead time.



DNO & iDNO APPROVED TRANSFORMERS

Our standard range of Wilson d2 (iDNO) Unit Type® Distribution Transformers is available in the following DNO ratings:

- **UK Power Networks (UKPN)** with the approved ratings of **315kVA**, **500kVA**, **800kVA**, **1000kVA** and **1500kVA**. Additionally, we provide 1250kVA, 2000kVA and 2500kVA following UKPN's design language
- **Scottish and Southern Electricity Networks (SSE)** with the approved ratings of **500kVA**, **800kVA**, **1000kVA** and **1500kVA**
- **Scottish Power Energy Networks (SPEN)** with the approved ratings of **500kVA** and **1000kVA**

We offer transformers as stand-alone options or as packaged substations (with LV & MV) fully procured by Wilson Power Solutions or free issued by the customer.



ADDITIONAL SERVICES

Our Leeds-based team can support your project with:

- Engineering and design enquiries
- Storage and delivery
- On-site transformer off-loading
- Comprehensive after-sales
- Supply of full Packaged Substations including RMU and LV Cabinets

PACKAGED SUBSTATIONS

Alongside Wilson d2 (iDNO) Unit Type® Distribution Transformers, we supply medium voltage switchgear and low voltage cabinets approved by all DNOs; UKPN, NPG, NGED, SSE, ENWL, and SPEN.

MV Switchgear

Lucy Electric - Sabre Ring Main Units: VR2N2a, VRN6a and others

Schneider Electric - Ringmaster Units: RN2d, RN6d, CN2, SN6, CE2, CE6 and SE6

LV Cabinets

Lucy Electric - Aculok TMO with 4, 5, 6 or 7 outgoing fuse ways or ACB from 800A up to 2500A

Schneider Electric - LV Feeder Pillar with a range of switchable fusegear (4, 5, 6 & 7 fuse ways), MCCB up to 3200A and ACB up to 3200A

We offer fully assembled packaged substations using the above options or any other specified equipment. Our options include a packaged solution fully procured by us or free issued by the customer. Our Leeds-based team can provide you with the service you need and after-sales support.



TYPICAL APPLICATIONS



Domestic: suburban and urban housing developments



Electric Vehicle charging infrastructure



Commercial and industrial zones like retail centres, business parks and factories



National and private grid substations



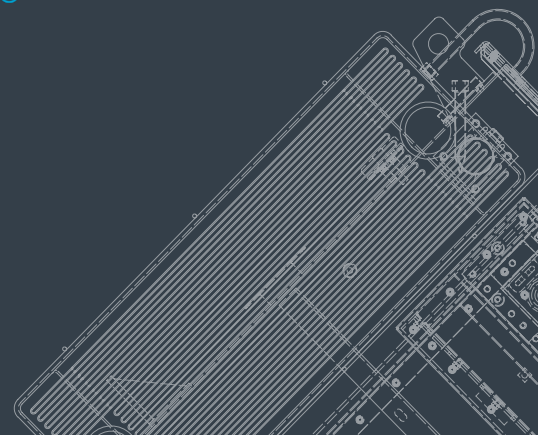
Infrastructure projects including transportation networks, airports, and ports



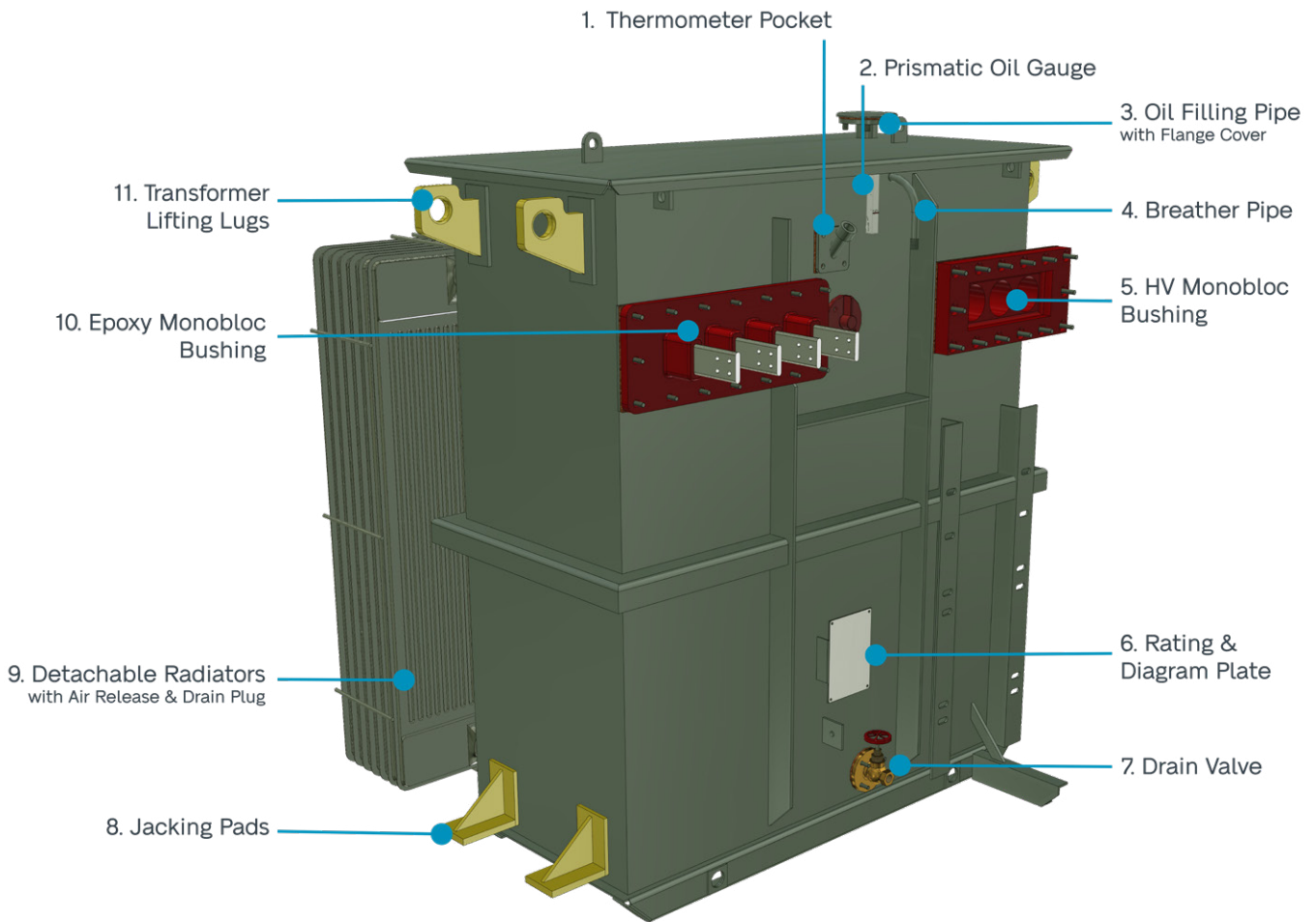
Public services for example hospitals and educational institutions



Emergency and backup power



GENERAL ARRANGEMENT



1000kVA UKPN-approved Wilson d2 (iDNO) Unit Type® Distribution Transformer

CASE STUDIES

As part of an EV expansion project at a major UK supermarket undertaken by an ICP, this UKPN approved **2MVA Wilson d2 (iDNO) Unit Type® Distribution Transformer** was supplied with Lucy Electric switchgear and Schneider Electric LV cabinet.



We supplied two UKPN approved **2MVA Wilson d2 (iDNO) Unit Type® Distribution Transformers** close coupled with a bespoke 3200A feeder pillar to a major European EV charging supplier at a new station in Belfast, Northern Ireland.



Westland Works, Westland Square, Leeds LS11 5SS UK

T: +44 (0)113 271 7588 E: info@wilsonpowersolutions.co.uk

wilsonpowersolutions.co.uk

