

Key standards for a smart, flexible, low-carbon energy system

Electrotechnical

- BS 5918 Solar heating systems for domestic hot water. Code of practice for design and installation
- BS EN 61400-1 Wind turbines. Design requirements
- PD IEC/TS 62600-100 Electricity producing wave energy converters. Power performance assessment
- BS EN 62446-1 Photovoltaic (PV) systems. Grid connected systems

Electric vehicles and EV charging

- PD IEC TS 61980-2:2019 Electric vehicle wireless power transfer (WPT) systems
- PD ISO/TR 8713 Electrically propelled road vehicles. Vocabulary
- BS IEC/TS 61851-3 series Electric vehicle charging system

Electrical energy storage

- BS IEC 62933 series Electrical energy storage (EES) systems
- PAS 7062 Electric vehicle battery cells – Health and safety, environmental and traceability considerations in cell manufacturing and finished cell – Code of Practice [in development]
- PAS 7061 Batteries for vehicle propulsion electrification – safe and environmentally conscious handling of battery packs and modules – Code of practice [in development]
- PAS 7060 Health, safety and environmental considerations in [EV] Vehicle design and use – Guide [in development]

Energy use and efficiency

- BS EN ISO/IEC 13273-2 Energy efficiency and renewable energy sources. Common international terminology. Renewable energy sources
- BS EN ISO 50001:2011 Energy management system requirements
- BS EN 16231 Energy efficiency benchmarking methodology
- BS EN ISO 14001 Environmental management systems

Grid/supply

- BS EN 50160 Voltage characteristics of electricity supplied by public electricity networks
- BS EN 61850 series Communication networks and systems for power utility automation
- BS EN 62488 series Power line communication systems for power utility applications

Smart homes and businesses

- BS EN 50491 series Home and building electronic systems (HBES) and building automation and control systems (BACS)
- PD CEN/CLC/ETSI TR 50572:2011 Functional reference architecture for communications in smart metering systems
- PD CEN/TR 16061:2010 Smart gas meters
- PAS 1878 Energy smart appliances – Classification – Specification [in development]
- PAS 1879 Energy smart appliances – Demand side response operation – Code of Practice [in development]
- BS EN 62056 series Electricity metering data exchange
- BS 18477 Inclusive service provision

British Standards Online (BSOL) is a simple online tool that acts as your standards management system.

Get a quote or find out more at

+44 (0)20 8996 6353 or bsigroup.com/bsol





bsi.bsol

The reassuringly easy way to work with standards

BSOL is a simple online tool that gives you instant access to the standards you need, making life a lot easier. It's easy to build your own database of relevant standards. Then you can find what you need fast and stay right up to date – so you can avoid costly errors and work with confidence.

Know you're covered



Save time

Manage all your standards in one place. You can access ISO, EN, BS ASTM and IEC standards through BSOL – and it takes only seconds to search.



Save money

Make standards even better value for money. Using BSOL gives you large savings on your traditional standards spend.



Miss nothing

Get an alert whenever a standard changes and understand the significance immediately. Then view the differences to key standards, so you can track exactly how they've changed.



Reduce risk

Track past, present and future changes. With access to historic and emerging standards, you can see the guidance that informed previous decisions, as well as changes that could shape your future moves.

Fit the way you work



Tailored to you

Subscribe only to the standards you need, use pre-built modules or build personal collections.



Full flexibility

You can still access every standard in the system and update your choices at any time.



Easy monitoring

Monitor which standards your users are working with, and easily spot gaps or overlaps.



Free and unlimited training

Our training team are here to give you extra support if you need it.

Make life easier with BSOL.



Get a quote or find out more at bsigroup.com/bsol Or call +44 (0)345 8996 6353.

bsi.

...making excellence a habit.™