



# GridLink<sup>®</sup>

Dynamic Power Quality

## GridLink<sup>®</sup>

GridLink<sup>®</sup> is a versatile single-solution embedded generation grid connection system. High performance, reliable power quality solutions are built into every custom-built GridLink<sup>®</sup> system designed to eliminate a wide range of unwanted power quality anomalies and to facilitate even the most demanding grid connection agreements.

Incorporating close-coupled MV/LV power transformer and distribution switchgear of any rating, energy saving GridLink<sup>®</sup> systems continuously monitor the power network responding instantaneously to dynamic load changes to restore waveforms through the combinational integration of:

- Dynamic reactive compensation
- Active and/or passive harmonic filtration
- Voltage control
- Flicker compensation
- Active load balancing
- Resonance elimination

Customer-specific requirements can also be accommodated including G59 protection, Feed-in-Tariff metering, telemetry and other instrumentation.

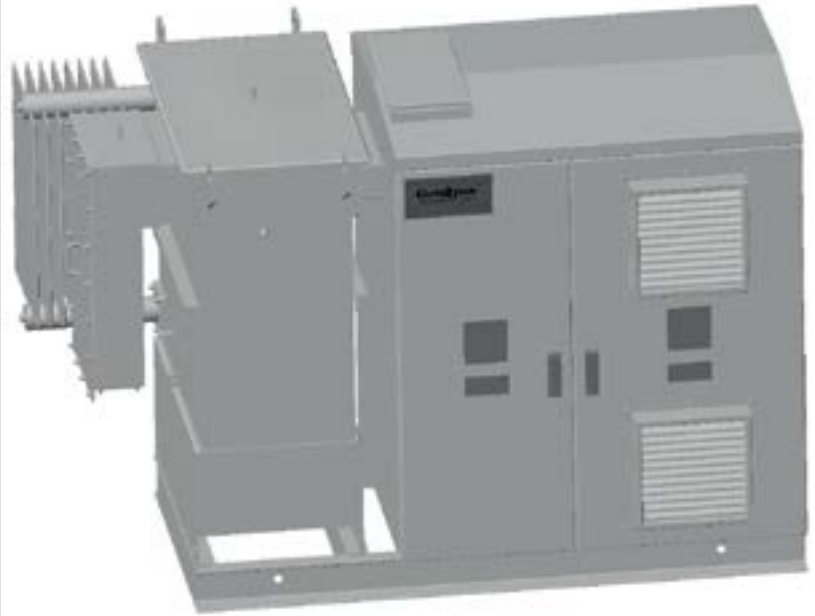
Manufactured for indoor or outdoor use, GridLink<sup>®</sup> provides significant space savings and reductions in on-site installation and commissioning times.



# GridLink® Summary Specification

GridLink® systems are designed to provide bespoke power quality solutions to satisfy the requirements of individual power networks. As such, each GridLink® manufactured is different and the following summary specification is intended to provide only a generic guideline to a 'typical' system. Detailed specifications may be provided following appropriate consultation.

Transformer	
Type	Ecodesign Power Transformer to Directive 2009/125/EC
Specification	BSEN IEC 60076
Primary winding	≤ 36kV
Secondary winding	≤ 690V
HV cable box	3 pole, 1 gland, air filled bottom entry
LV monobloc	Close-coupled to GridLink® Enclosure
Fittings	Oil temperature indicator Thermometer pocket off circuit tap charger Lockable drain valve with plug & sampler Oil level gauge Breather pipe with silica gel breather



GridLink® enclosure	
Construction	Fully welded folded sheet steel to BS EN 10132
Installation	Indoor or outdoor
Ingress protection	Up to IP 5:6 BS EN 60529:1992
Form of separation	Form 4A BS EN 61439-2:2009
Busbars	50kA/1s, BS EN 61439-2:2009
Finish	Polyester powder coated
Access	Front and / or rear
Cable entry	Bottom
Gland plates	3mm Steel

GridLink Technologies
Dynamic reactive compensation
Active and/or passive harmonic filtration
Voltage control
Flicker compensation
Active load balancing
Resonance elimination

## Contact Enspect Power

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All details correct at time of print. In the interest of ongoing product development, we reserve the right to alter specification without prior notice.