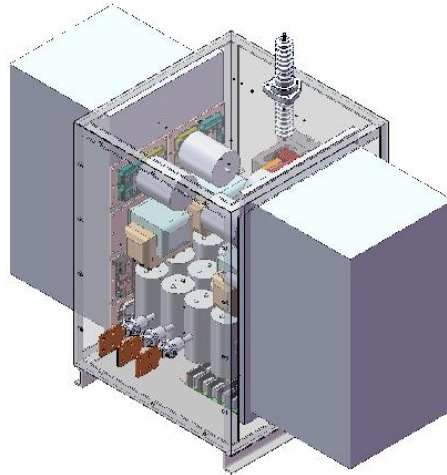


IUT™ Intelligent Universal Transformer

Product Datasheet



Modular Design

Scalable

Low Maintenance

Silicon Power is pleased to introduce the IUT™ Intelligent Universal Transformer. Integrating Silicon Power’s award winning SGTO technology, the IUT™ can replace legacy oil-filled transformers, thus mitigating both obsolescence and environmental risks. Implementing corporate “Green Initiatives”, the IUT™ design incorporates a reliable, natural cooling system, no fans or pumps; achieving reduced maintenance time and costs. The IUT™ is configurable to comply with pole mounting or pad mounting requirements. The IUT™ includes features to facilitate Smart Grid and ADA imperatives.

Class	100 kVA
Input voltage/ V RMS	15 kV (8 kV L-N)
Output voltage / V RMS	120/240
Frequency / Hz	60
Number of phases/poles	1
Output voltage regulation	+/- 2 %
Output voltage harmonics	< 5% THD
BIL rating	110 kV
Dimensions (h x w x d) / inches	32 x 22 x 24
Weight / lbs	1050
Communications	RS 232, Ethernet
Efficiency / %	94% (goal)

Released 08-2008