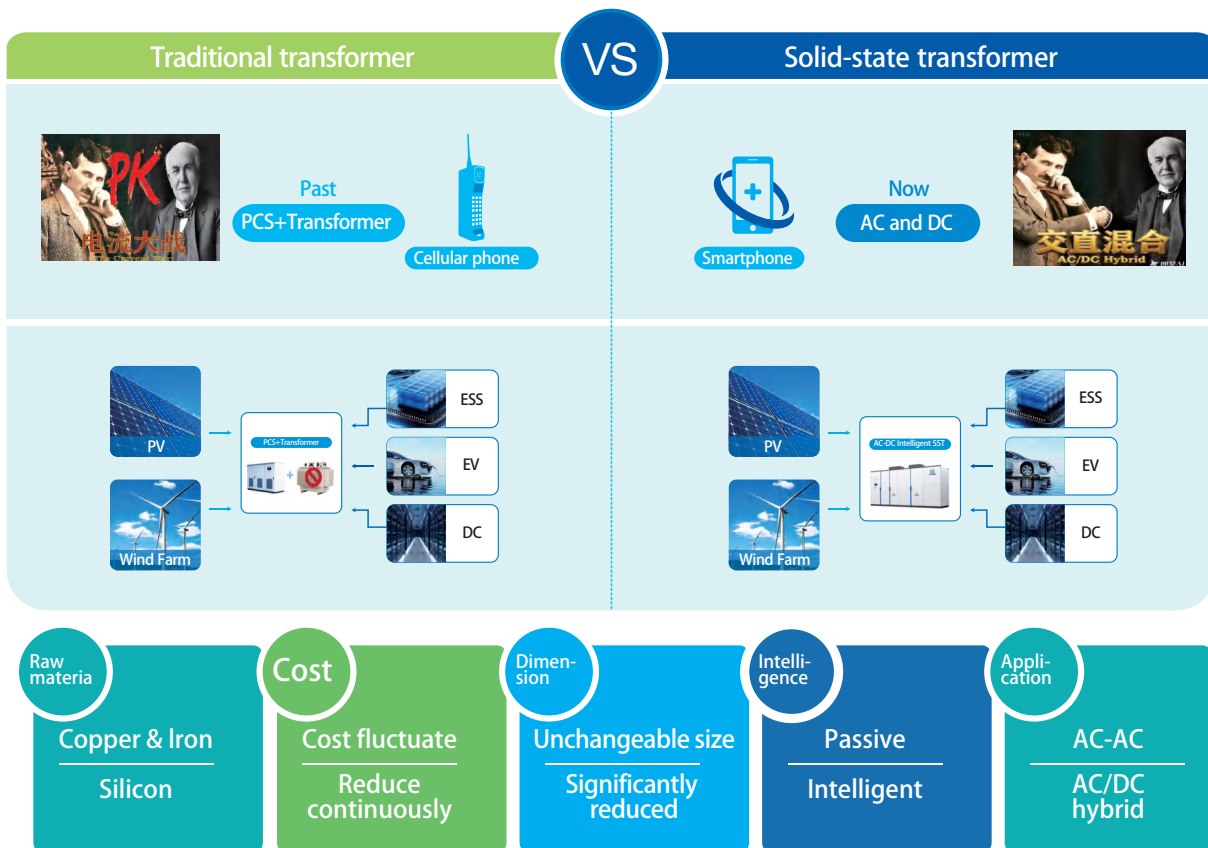
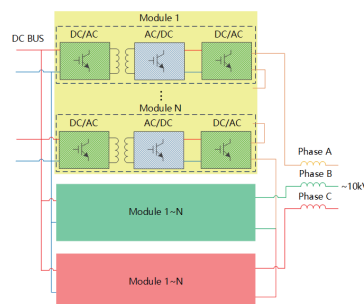


Solid-state Transformer SST



AC-DC Intelligent transformer, also known as Power Electronics Transformer(PET), or Solid State Transformer(SST), it is a new type transformer which realizes energy transfer and power conversion by power electronics.



- Simple** → Power electronic for whole conversion sectors
- Si replace Cu** → Break through of traditional solution efficiency limitation
- AC/Dc hybrid** → High efficient access of source, load and ESS
- Digitalization** → Self-control for intelligent power distribution

Solid-state Transformer SST



High efficiency (98.5%)

Smart redundancy(N+X)

High power density (increased 80%)

Short delay response (reduced 40%)

High frequency isolation

Rated power	1MW/1.25MW/1.5MW/2.5MW/3MW
Rated AC voltage	AC10kV
Rated DC voltage	DC 240/336/750/800V
Max. efficiency	98.5%
THDi	<1%@nominal power
Redundancy	N+X(X can be customized)
Module power	≥70kW
Module voltage	≥1500V
Module switching frequency	≥20kHz
Third generation semiconductor usage rates	≥50%
Dimensions(W*D*H)	3600*1500*2400mm(1.25MW)

XI'AN WEIGUANG ENERGY TECHNOLOGY CO. LTD

Service Number:400-868-6988

www.weiguangenergy.com