

# Gas Turbine

## Generator



The current energy revolution should be one of the most significant developments of the 21<sup>st</sup> century, overshadowing in some respect the computer revolution of the past decades. The energy shortage experienced around the world is an early bell-ringing phenomenon of an energy crisis in the marketing. Concerns over the environment have encouraged TSE&P to develop new, clean, on-site technology, reversing a long-standing trend towards central generation through the introducing of a complete line of small in size, reliable, long life and low emission multi-purpose gas turbine generator sets. TSE&P offers state-of-the-art gas turbine generator sets that protect the environment with low noise, low emissions and energy-saving features. Our gensets can also maximize fuel efficiency with capacities to provide combined electricity, heat and cooling load. To assure reliability, our generator sets are designed, produced and operated under the ISO 9001 seal of approval and GB/T 19001-1994 quality assurance programs. TSE&P is a leading solution provider of high-quality, reliable, environmental friendly gas turbine generator sets of the following:

#### Mobile gas turbine generator set

Special designed for standby applications to provide temporary power support in absence of utility and can be developed whenever and wherever for emergency power  $\pm V$  available in truck-carried or trailer-carried options.

Power range: truck-type, 600kw~4,000kw; trailer-type, 1,000kw~4,000kw.

#### Stationary gas turbine generator set

Suitable for standby and continuous applications including cogeneration of electricity, heating (hot water, vapor), and cooling.

Power range: --600kw~4,000kw.

#### Micro gas turbine generator set

Extremely small in size and light weight generators suitable for combined heat, power and cooling applications.

Power range: --30kw~100kw.

#### Seawater desalination system

In light of the growing shortage of fresh water sources, TSE&P marks a successful foot step in the development of a seawater desalination system by utilizing of our gas turbine generator sets. Our seawater desalination system is technologically advanced, mature and reliable.

#### Maintenance / refurbishment of aged power plants

Utilizing our advanced technologies and know-how, TSE&P is engaged in the maintenance and refurbishing of aged power plants with the missions of environmental protection and energy-saving.



#### **BillionGroup Technologies Limited**

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