

## TFW series brushless alternator

Brand Name:pinnxun
Model Number:TK1250-6/1180
Type:Synchronous Motor,synchronous motor
Frequency:50HZ
Output Power:1250KW
Protect Feature:Drip-proof
Phase:Three-phase
Certification:CCC,CE
AC Voltage:6KV
Place of Origin:Shanghai, China (Mainland)
Efficiency:IE 1
standard:IEC
insulation class:F
temperature rise:B
wire:100% copper wire
EFF:IE2 IE1
protection:IP23
warranty period:12 months
Delivery:in 60 days
voltage:as user inquiry

## Specifications

synchronous motor

certificate:IS09001-2008

power:250KW--3000KW

pole:4-80 pole

speed:3600-75

T series large size synchronous motor

## Products: TFW series brushless alternator

### Feature and usage

T series of synchronous motors can be made into TF TK TDMK TZ TL series.

TF:TF TFW are synchronous excitation alternator,

TK;This series synchronous motor mainly design for compressors.

TDMK;This series motor specialize design for large size ball mill.

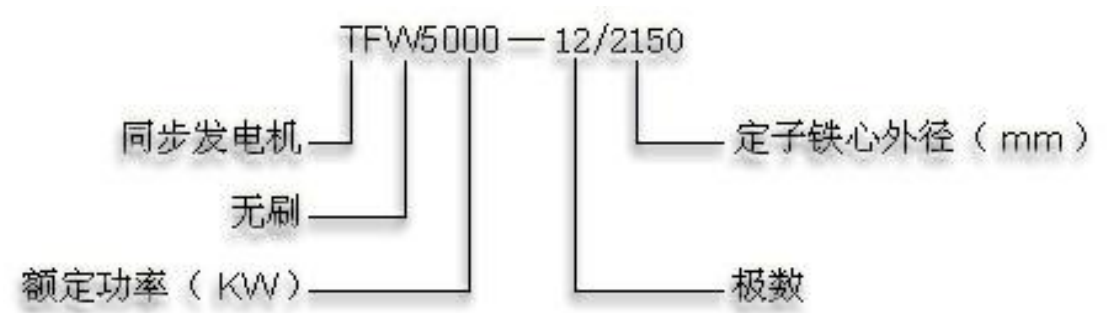
TZ:specialize for mill machine. and TL are vertical mounting synchronous motor.

TFW large high-pressure phase compound excitation brushless synchronous generator generator composed of internal combustion engine, steam turbine, turbine, the original motivation, can be used as a backup power supply and power directly to the load power supply, but also to the power grid.

TFW large high-pressure phase compound excitation brushless synchronous generator by the constant pressure device (including the secondary winding, reactor, current transformer, a bridge rectifier), exciter, rotating rectifier excitation system is not controllable, when the voltage regulator KXT is put to use for the controllable uncontrollable state, target voltage greatly improve.

TFW large high-pressure phase compound excitation brushless synchronous generator, the power range of 1000-14000kW; voltage can be made as 2400V, 3150V, 4160V, 6300V, 6600V, 10500V, 11000V, 13800V; frequency can be 50Hz or 60Hz; the power factor is 0.8 (lag); performance conforms to the national standard GB755 "basic requirements" of the rotary motor the relevant provisions.cooling,

Model Explanation



Motor Performance

Power range:250KW--3000KW  
Rated Voltage: 3KV 6KV 10KV  
No.of pole;6-40  
Protection Class: IP00,IP20,IP21,IP23 and IP44  
Ambient Temperature: -15° C~40° C  
Altitude: not exceed 1000 Meter  
Rated Frequency: 50Hz/60Hz  
Insulation Class: F  
Temprature rise: B  
Working Duty: S1(Continuous)

Structure Description

Brief introduction of structure

TFW large high-pressure phase compound excitation brushless synchronous generator for horizontal installation, single shaft, with the base type bearing, bearing lateral excitation is present, cooling method can be made into closed, semi closed cycle pipeline, pipe ventilation according to user requirements, the direction of rotation from the shaft at the clockwise rotation, protection class IP21, IP23.

Frame: steel plate welded into an integral structure, the bearing plate are respectively fixed on the steel plate welded into the.

The stator core made of silicon steel sector: a stack of 0.5mm thick pressure, fan films coated on both sides with insulating paint, stator core by tensioning screw or dove tail is fixed on the frame.

Stator coil coil: double lap winding, the class B or class F insulation.

Pole: made of steel sheet blanking laminations, pole core jacket with a pole coil, the poles arranged in the magnetic pole seat.

Pole coil: a flat copper wire and insulation, treatment with B or F

Bearing: the bearing seat and the cast iron bearing alloy bearing, lubrication for the composite oil ring self lubrication or outside the gas path system.

The exciter excitation machine: rotating pole type, main rotor, rotor, rotary rectifier excitation coaxial rotating, exciter stator frame and main engine put on the same floor, on the side of the bearing base is.Exciting

#### Ordering Informations

- 1.Please indicate the motor type, rated output, rated voltage, rated frequency, synchronous speed, Explosion proof Mark, mounting type, rotation direction (view from the shaft extension side) Use of the environment (indoor or outside) If the user hasn't point out the rotation and environment, normally we think is CW rotation and used indoor.
2. when user have special requirements, For example: Dispose the stator, bearing explosion proof and bearing temperature sensors, space heater, Plateau use, special frequency, mounting size change, special output, the user must, order can be confirm after signing the technical agreement with engineering department .
3. The catalogue is only for reference, and there may be variations.

#### Packaging & Delivery

Packaging Details: in standard export wooden package

Delivery Detail: In 70 days

FOB Price:US \$12000-100000 / Piece
Port:Shanghai
Minimum Order Quantity:1 Piece/Pieces
Supply Ability:10 Piece/Pieces per Month
Payment Terms:L/C,T/T