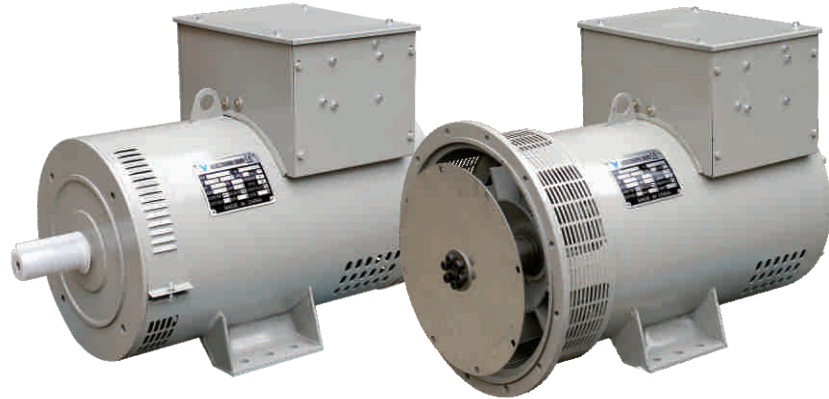


TFW2 series Brushless Alternator



TFW series brushless alternator are absorb international advance technology of manufacturing electric machinery.It's the new-type designed and developed A.C.synchronous generator by ourselves.The TFW2 series alternator accord with most of international standards. They also accord with the following standards:
International Electrician Command Standard IEC34
International Standardization Organization Command Standard ISO8528
NEMA Standard

The product have outstanding performance, reliable quality, convenient main-tenance. The alternator and the engine can be connected with steel of flexible material. As a small type generating station, it cab be used in factories, buildings and work sites for lightening and electric power source.



1-Phase 50Hz@1500RPM 60Hz@1800RPM

Model	Rated Output	Rated Volume	Voltage	Current	Power Factor COS θ	Pole Number
Single-Phase 220V 50HZ 1500r/min COS θ =1.0						
TFW-2	2kW	2kVA	110/220V	18.2/9.1A	1.0	4
TFW-3	3kW	3kVA	110/220V	27.3/13.6A	1.0	4
TFW-5	5kW	5kVA	110/220V	45.5/22.7A	1.0	4
TFW-7.5	7.5kW	7.5kVA	110/220V	68.2/34.1A	1.0	4
TFW-10	10kW	10kVA	110/220V	90.1/45.5A	1.0	4
TFW-12	12kW	12kVA	110/220V	109.1/54.5A	1.0	4
TFW-15	15kW	15kVA	110/220V	136.4/68.2A	1.0	4
TFW-20	20kW	20kVA	110/220V	181.8/90.9A	1.0	4
TFW-24	24kW	24kVA	110/220V	218.2/109.1A	1.0	4
TFW-30	30kW	30kVA	110/220V	272.7/136.4A	1.0	4



3-Phase 50Hz@1500RPM 60Hz@1800RPM

Model	Rated Output	Rated Volume	Voltage	Current	Power Factor COS θ	Pole Number
Three-Phase 400V 50HZ 1500r/min COS θ =0.8						
TFW-10	10kW	12.5kVA	400V	18.1A	0.8	4
TFW-12	12kW	15kVA	400V	21.7A	0.8	4
TFW-15	15kW	18.8kVA	400V	36.1A	0.8	4
TFW-20	20kW	25kVA	400V	43.3A	0.8	4
TFW-30	30kW	37.5kVA	400V	54.1A	0.8	4
TFW-40	40kW	50kVA	400V	72.2A	0.8	4
TFW-50	50kW	62.5kVA	400V	90.2A	0.8	4
TFW-64	64kW	80kVA	400V	115.5A	0.8	4
TFW-75	75kW	94kVA	400V	135A	0.8	4
TFW-90	90kW	112.5kVA	400V	162A	0.8	4
TFW-120	120kW	150kVA	400V	216.5A	0.8	4
TFW-135	135kW	168.8kVA	400V	243.5A	0.8	4
TFW-150	150kW	187.5kVA	400V	270A	0.8	4
TFW-160	160kW	200kVA	400V	288.7A	0.8	4
TFW-200	200kW	250kVA	400V	360.8A	0.8	4
TFW-250	250kW	312.5kVA	400V	451A	0.8	4
TFW-280	280kW	350kVA	400V	505A	0.8	4
TFW-300	300kW	375kVA	400V	541A	0.8	4
TFW-320	320kW	400kVA	400V	722A	0.8	4

Operating Conditions Under the following environment, the generator could run continuously:

1. Altitude not exceed 1000m
2. Ambient temperature: -15°C—40°C
3. Relative air humidity: not exceed 90%