

+STC THREE PHASE GENERATOR

This series generators are to be used in town, countryside, worksites, mountain and pasture as electric power source for lighting purpose, it can also be used as reserved power source for emergent case using

The generators are of dripproof with rotary field type and adopt harmonic excitation system, easy operation and maintenance.

The generators are three-phase, four-wire type, adopting star connection with neutral point. The rated line voltage is 400V, phase voltage 230V, frequency 50Hz. power factor 0.8(lag). We can provide 60Hz and the other voltage's generator according to the customer's request.

They can be coupled with a prime mover directly or through v-belt making right or reverse continuous rotation at the rated speed. When the rotation speed of prime mover changes 3% or so and load varies in the range of 0~100% $\cos \phi$ 0.8~1.0, the generators offer constant voltage, when sudden change (increase or decrease) of load, the generator will soon return to their normal working state, at the same time, without any starting device the generator can directly start an unloaded squirrel cage induction motor.

Operating Conditions:

Under the following environment, The generator could be continuous and rated running:

Above sea level: Not exceed 1000m

Cooling air temperature: 258~313K(-15 °C ~ 40 °C)

Model	Output (kW)		Voltage(V)	Current (A)	Power factor (cos)	Speed (r.p.m)	Pole number
	KVA	kW					
STC-3.0	3.8	3.0	400	5.4	0.8	1500	4
STC-5.0	6.3	5.0	400	9.0	0.8	1500	4
STC-7.5	9.4	7.5	400	13.5	0.8	1500	4
STC-8.0	10	8	400	14.4	0.8	1500	4
STC-10	12.5	10	400	18.1	0.8	1500	4
STC-12	15	12	400	21.7	0.8	1500	4
STC-15	18.8	15	400	27.1	0.8	1500	4
STC-20	25	20	400	36.1	0.8	1500	4
STC-24	30	24	400	43.3	0.8	1500	4
STC-30	37.5	30	400	54.1	0.8	1500	4
STC-40	50.0	40	400	72.2	0.8	1500	4
STC-50	62.5	50	400	90.2	0.8	1500	4



+ST INGGLE PHASE GENERATRO

Series generator

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Model	Output (KW)	Current(A)		Voltage(V)		Power factor (cos)	Pole number	Speed (r.p.m)
		Series Connectio n	Parallel Connecti on	Series Connecti on	Parallel Connecti on			
ST-1	1	4.35	8.7	230	115	1.0	4	1500
ST-2	2	8.7	17.4	230	115	1.0	4	1500
ST-3	3	13	26	230	115	1.0	4	1500
ST-5	5	21.8	43.5	230	115	1.0	4	1500
ST-7.5	7.5	32.6	65.2	230	115	1.0	4	1500
ST-10	10	43.5	87	230	115	1.0	4	1500
ST-12	12	52.2	104	230	115	1.0	4	1500
ST-15	15	65.3	130	230	115	1.0	4	1500
ST-20	20	87	174	230	115	1.0	4	1500
ST-24	24	104	208	230	115	1.0	4	1500



ST SERIES



TFWS SERIES

+TFWS Series Three-phase Brushless Synchronous Generatr

TFWS series three-phase brushless synchronous generators, by introducing and developing foreign and domestic advanced technology and design, are newly designed by our company on basis of our primary TFW series. It possesses following features: small-size, light-weight, delicate appearance, reliable operation, the electrical properties of our product can reach up to the international advance level, TFWS series three-phase brushless synchronous generators are conformity to international IEC, Gb755 and relevant standard. It is suitable to Mach with the diesel engine. It can be used in land, boat, train, hotel and the places need industry power

TYPE	Rated Power							Weight(KG)
	Continuous			Stand by 50hz		Stand by 60hz		
	KVA	KW	(%)	KVA	KW	KVA	KW	
TFWS164B	9.4	8	78.8	11	8.8	12	9.6	90
TFWS164C	12.5	10	80.6	13.8	11	15	12	96
TFWS164D	15	12	81.2	17.5	14	20	16	100
TFWS184E	20	16	84.5	22.5	18	25	20	120
TFWS184F	25	20	86	27.5	22	30	24	150
TFWS184G	30	24	86.3	32.5	26	35	28	160
TFWS184H	37.5	30	86.6	40	32	41.3	33	216
TFWS224B	42.5	34	87	45	36	47.5	38	250
TFWS224C	50	40	88	52.5	42	55	44	270
TFWS224D	60	48	88.6	62.5	50	65	52	290
TFWS224E	72.5	58	90	77.5	62	80	64	320
TFWS224F	85	68	90.2	87.5	70	91.3	73	360
TFWS274B	100	80	90.4	106.3	85	110	88	395
TFWS274C	117.5	94	90.8	127.5	102	131.3	105	420
TFWS274D	140	112	91.5	145	116	150	120	470
TFWS274E	160	128	92.3	170	136	175	140	510
TFWS274F	181.3	145	92.5	187.5	150	193.8	155	560
TFWS274G	200	160	93.3	212.5	170	220	176	610
TFWS314B	250	200	92.4	270	216	275	220	850
TFWS314C	300	240	92.7	320	256	330	264	915
TFWS314D	350	280	93.3	370	296	400	320	960
TFWS314E	394	315	93.5	418.8	335	437.5	350	1123
TFWS354B	450	360	94.1	477.5	382	495	396	1275
TFWS354C	500	400	94.4	515	412	530	424	1330
TFWS354D	600	480	94.6	640	512	665	532	1530
TFWS354E	662.5	530	94.8	700	560	725	580	1690
TFWS404B	750	600	93.3	775	620	790	632	1960
TFWS>404C	800	640	93.6	825	660	840	672	1980
TFWS404D	900	720	93.8	937.5	750	957.5	766	2040
TFWS404E	1000	800	94.3	1030	824	1050	840	2210
TFWS404F	1125	900	94.7	1162.5	930	1187.5	950	2430
TFWS404G	1250	1000	95	1287.5	1030	1312.5	1050	2760

★Quality Standards★IS09001:2000, IS03046, IS014000, IS08528, BS999, AS1359, ICE34, UL, CE and CCC.