

GENERATOR



TFS SERIES

BRUSHLESS THREE-PHASE A.C. SYNCHRONOUS ALTERNATORS/GENERATORS

Same as TFW2 series, **TFS** series alternators/generators also are three-phase brushless a.c. synchronous alternators/ generators and have the same characteristic. **TFS** series brushless three phase a.c. synchronous alternators/generators are the newest products. **TFS** series alternators/ generators' construction and shape are different from **TFS** series alternators/generators, these are the most different between **TFS** and TFW2. **TFS** series alternators/generators are designed to meet market's requirement.

TECHNICAL DATA

Type	Rated Output (kW)	Rated Capacity (KVA)	Three-phase			Frequency (Hz)	Single phase		
			Voltage (V)	Current (A)	Power Factor (Cos ϕ)		Voltage (V)	Current (A)	Power Factor (Cos ϕ)
TFS164A	6.5	8.1	400	11.8	0.8	50	230	28.3	1
TFS164B	8.8	11.0	400	15.9	0.8		230	38.3	1
TFS164C	10.8	13.5	400	19.5	0.8		230	47	1
TFS164D	12.8	16.0	400	23.1	0.8		230	55.6	1
TFS184E	18.0	22.5	400	32.5	0.8		230	78.3	1
TFS184F	22.0	27.5	400	39.7	0.8		230	95.6	1
TFS184G	25.0	31.3	400	45.1	0.8		230	108.7	1
TFS184H	30.0	37.5	400	54.1	0.8		230	130.5	1
TFS184J	34.0	42.5	400	61.4	0.8		230	147.8	1
TFS224C	34	42.5	400	61.4	0.8		230	147.8	1
TFS224D	40	50	400	72.2	0.8		230	174	1
TFS224E	48	60	400	86.6	0.8		230	208.7	1
TFS224F	58	72.5	400	104.6	0.8		230	/	1
TFS224G	68	85	400	122.7	0.8		230	/	1
TFS274C	80	100	400	144.3	0.8		230	/	1
TFS274D	91	114	400	164.2	0.8		230	/	1
TFS274E	112	140	400	202.1	0.8		230	/	1
TFS274F	128	160	400	230.9	0.8		230	/	1
TFS274G	140	175	400	252.6	0.8		230	/	1
TFS274H	160	200	400	288.7	0.8		230	/	1

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TFW₂ SERIES

BRUSHLESS THREE-PHASE A.C. SYNCHRONOUS ALTERNATORS/ GENERATORS

TFW2 Series brushless three-phase A.C. Synchronous generator import, digest and absorb international advance technology of manufacturing electric machinery. It's the new-type designed and developed A.C. synchronous generator by ourselves.

The series generators accord with most of international standards. They also accord with the following standards: International Electrician Committee Command Standard IEC34

International Standardization Organization Command Standard ISO8528

NEMA Standard

The products have outstanding performance, reliable quality, convenient maintenance. The generator and the engine can be connected with steel or flexible material. As a small-type generating station, it can be used in factories, buildings and worksites for lightning and electric power source.

TECHNICAL DATA

Type	Rated Capacity (kVA)	Rated Output (kW)	Rated Voltage (V)	Rated Current (A)	Power Factor (Cos ϕ)	Rated Speed (r/min)	Volt.adjust (%)
TFW2-10	12.5	10	400	18.1	0.8		±1
TFW2-12	15	12		21.7			
TFW2-16	20	16		28.8			
TFW2-20	25	20		36.1			
TFW2-24	30	24		43.3			
TFW2-30	37.5	30		54.1			
TFW2-40	50	40		72.2			
TFW2-50	62.5	50		90.2			
TFW2-64	80	64		115.6			
TFW2-75	93.75	75		135.5			
TFW2-90	112.5	90		162.5			
TFW2-100	125	100		180.4			
TFW2-120	150	120		216.1			
TFW2-150	187.5	150		271			
TFW2-160	200	160		288.6			
TFW2-180	225	180		324.7			
TFW2-200	250	200		360.8			
TFW2-220	275	220		396.8			
TFW2-250	312.5	250		451			
TFW2-280	350	280		505			
TFW2-300	375	300	541				
TFW2-320	400	320	577				
TFW2-350	437.5	350	631.5				
TFW2-400	500	400	721.7				
TFW2-450	562.5	450	813				
TFW2-500	625	500	903				
TFW2-600	750	600	1084				
TFW2-720	900	720	1300				
TFW2-800	1000	800	1445				