



TFWS SERIES BRUSHLESS THREE-PHASE A.C. SYNCHRONOUS GENERATORS

ELECTRIC PERFORMANCE

The voltage adjust for 110V、220V、400V、480V etc.The frequency is 50Hz/60Hz.It is adopted with brushless exciting system.

Insulation class:H; Protection class:IP22~23; Steady-state voltage regulation rate $\leq \pm 1\%$; Transient-state voltage $\leq \begin{matrix} +20\% \\ -15\% \end{matrix}$; The line voltage waveform distortion rate $\leq 5\%$;

Voltage adjust range $\geq \pm 10\%$ UN: Ambient temperature $\leq \pm 40$; Altitude ≤ 40 ;Altitude $\leq 1000\text{m}$; Air relative humidity $\leq 90\%$.

Technical Data

Model	Rated Power (KW)	Rated Capacity (KVA)	Fre. (HZ)	Voltage (V)	Model	Rated Power (KW)	Rated Capacity (KVA)	Fre. (HZ)	Voltage (V)
TFWS-7.5	7.5	9.375	50/60	400V	YHG-128	128	160	50/60	400V
TFWS-10	10	12.5	50/60	400V	YHG-144	144	180	50/60	400V
TFWS-12	12	15	50/60	400V	YHG-150	150	187.5	50/60	400V
TFWS-13	13	16.25	50/60	400V	YHG-160	160	200	50/60	400V
TFWS-15	15	18.75	50/60	400V	YHG-180	180	225	50/60	400V
TFWS-16	16	20	50/60	400V	YHG-200	200	250	50/60	400V
TFWS-18	18	22.5	50/60	400V	YHG-240	240	300	50/60	400V
TFWS-20	20	25	50/60	400V	YHG-260	260	325	50/60	400V
TFWS-22	22	27.5	50/60	400V	YHG-280	280	350	50/60	400V
TFWS-24	24	30	50/60	400V	YHG-304	304	380	50/60	400V
TFWS-25	25	31.25	50/60	400V	YHG-320	320	400	50/60	400V
TFWS-30	30	37.5	50/60	400V	YHG-400	400	500	50/60	400V
TFWS-34	34	42.5	50/60	400V	YHG-450	450	563	50/60	400V
TFWS-40	40	50	50/60	400V	YHG-500	500	625	50/60	400V
TFWS-48	48	60	50/60	400V	YHG-550	550	687.5	50/60	400V
TFWS-58	58	72.5	50/60	400V	YHG-600	600	700	50/60	400V
TFWS-68	68	85	50/60	400V	YHG-640	640	800	50/60	400V
TFWS-80	80	100	50/60	400V	YHG-728	728	910	50/60	400V
TFWS-91.2	91.2	114	50/60	400V	YHG-800	800	1000	50/60	400V
TFWS-100	100	125	50/60	400V	YHG-1000	1000	1250	50/60	400V
TFWS-112	112	140	50/60	400V					

Special voltage also available

Note:All the rating values are base on continuous duty.0.8p.f.Max .Ambient tempreture 40 degree ,Max altitude 1000m