



50/60Hz

KA-634 series three-phase synchronous brushless generator

Model	Rated Freq, Speed	50Hz 1500r/min				60Hz 1800r/min			
	Insulation Class	Class H/Temp.(125℃)							
Model	Astro-Series(V)	380	400	415	440	416	440	460	480
	Astro-Parallel(V)	190	200	208	220	208	220	230	240
	Triangle Series (V)	220	230	240	254	240	254	266	277
KA-634B	Rated Capacity(KVA)	750	750	750	725	869	900	925	950
	Rated Output(KW)	600	600	600	580	695	720	740	760
	Efficiency(%)	94.1	94.3	94.5	94.9	93.9	94.1	94.1	94.4
	Input Power(KW)	638	636	635	611	740	766	787	805
KA-634C	Rated Capacity(KVA)	800	810	800	800	875	925	963	1000
	Rated Output(KW)	640	648	640	640	700	740	770	800
	Efficiency(%)	94.1	94.4	94.5	94.7	94.1	94.3	94.4	94.6
	Input Power(KW)	680	686.4	677	676	744	785	816	846
KA-634D	Rated Capacity(KVA)	910	940	910	875	1025	1063	1075	1125
	Rated Output(KW)	728	752	728	700	820	850	860	900
	Efficiency(%)	94.8	95	95.1	95.3	94.7	94.9	95.1	95.2
	Input Power(KW)	768	791.6	765	734	866	896	905	946
KA-634E	Rated Capacity(KVA)	1000	1030	1000	1000	1150	1200	1250	1300
	Rated Output(KW)	800	824	800	800	920	960	1000	1040
	Efficiency(%)	94.9	95.1	95.2	95.4	94.9	95.1	95.2	95.3
	Input Power(KW)	843	866.5	840	839	970	1010	1051	1092
KA-634F	Rated Capacity(KVA)	1110	1130	1110	1110	1275	1338	1388	1438
	Rated Output(KW)	888	904	888	888	1020	1070	1110	1150
	Efficiency(%)	95.2	95.5	95.5	95.6	95.2	95.4	95.4	95.5
	Input Power(KW)	932	946.6	930	929	1071	1123	1163	1204
KA-634G	Rated Capacity(KVA)	1250	1250	1250	1188	1375	1438	1500	1563
	Rated Output(KW)	1000	1000	1000	950	1100	1150	1200	1250
	Efficiency(%)	95.1	95.2	95.2	95.3	95.2	95.3	95.3	95.4
	Input Power(KW)	1052	1051	1051	997	1156	1207	1260	1311

Product information :

KA Series three-phase synchronous brushless generators, are our company new products, which are basis on the internationally advanced technology. The products draw on the world's largest electrical machinery manufacturers' successful experience of using a number of their own innovative technology, such as insulation, ventilation, base structure, materials and surface treatment, etc., optimizing the design. Therefore, generator power density, efficiency, center high dimensions, as well as electrical, mechanical properties, etc., are up to the world advanced level.

the generators meet the requirements of JB/T10747-2007, and the relevant section of other international standards, such as International Electrotechnical Society IEC60034-22: 1996 "Reciprocating internal combustion engine driven alternator", GB755 Chinese rotary motor general technical conditions and BC5000 UK and North America NEMA MG1-22 standard.

Products character:

1. Optional permanent magnet generator system can provide a constant excitation in any condition.
2. Advanced automatic voltage regulator system can guarantee the generator work normally even in the worst conditions.
3. Reorganization the twelve terminal block wiring to fit the different voltage requirements.
4. Standard 2 / 3 pitch windings curbed excessive midline current make it easily to operate with other generators in parallel.
5. Unique overall design of salient-pole rotating magnetic field, taking into account the advantages of separation of salient-pole and hidden structure, and also improved the thermal conditions and the winding coil increased mechanical strength.
6. Easy installation, convenient maintenance, with easily operated terminal, rotating diodes and the bolt axis.
7. Both of the single and full pivot type structures, in compliance with all the leading diesel engine land assembly interface standards.
8. Adopted a completely continuous damper winding and the 2 / 3 pitch windings effectively inhibit the output voltage waveform distortion and greatly reduce telephone harmonic factor and telephone interference factor.

Electrical performance:

voltage sinusoidal waveform distortion rate: $\leq 5\%$,
telephone harmonic factor (THF) : $\leq 2\%$,
telephone interference factor (TIF) : ≤ 50

Note:

1. Under the following conditions, the generator could run continuously at the rated voltage: Ambient temperature $< 40^{\circ}\text{C}$, altitude $< 1000\text{m}$, relative air humidity $< 90\%$.
2. According to the user's need, we also can make other voltage range.
3. When ordering products model for further information, please click here to find our product model definition table.



Koten Power reserves the right to modify the characteristics of its product at any time in order to incorporate the latest technological developments. The information contained in this document may therefore be changed without notice. For more technical data.