



KA-224 series three-phase synchronous brushless generator

Model	Rated Speed	50Hz 1500r/min				60Hz 1800r/min				
	Insulation Class	Class H/Temp.(125°C)				Class H/Temp.(115°C)				
Model	Astro-Series(V)	380	400	415	440	416	440	450	460	480
	Astro-Parallel(V)	190	200	208	220	208	220	225	230	240
	Triangle Series (V)	220	230	240	254	240	254	260	266	277
KA-224C	Rated Capacity(KVA)	42.5	42.5	42.5	40	50	52.5	52.5	52.5	55
	Rated Output(KW)	34	34	34	32	40	42	42	42	44
	Efficiency(%)	86.5	87.1	87.4	88.2	86.8	87.2	87.5	87.7	87.9
	Input Power(KW)	39.3	39	38.9	36.3	46.1	48.2	48	47.9	50.1
KA-224D	Rated Capacity(KVA)	50	50	50	48	60	62.5	62.5	62.5	65
	Rated Output(KW)	40	40	40	38.4	48	50	50	50	52
	Efficiency(%)	87.8	88.2	88.5	89	87.8	88.2	88.4	88.6	88.8
	Input Power(KW)	45.6	45.4	45.2	43.1	54.7	56.7	56.6	56.4	58.6
KA-224E	Rated Capacity(KVA)	60	60	60	58	67.5	70	71.3	72.5	75
	Rated Output(KW)	48	48	48	46.4	54	56	57	58	60
	Efficiency(%)	88.1	88.6	88.9	89.5	88.5	88.9	89.1	89.2	89.4
	Input Power(KW)	54.5	54.2	54	51.8	61	63	64	65	67.1
KA-224F	Rated Capacity(KVA)	72.5	72.5	72.5	70	83.8	87.5	87.5	87.5	93.8
	Rated Output(KW)	58	58	58	56	67	70	70	70	75
	Efficiency(%)	89.6	90	90.2	90.6	89.9	90.2	90.4	90.5	90.5
	Input Power(KW)	64.7	64.4	64.3	61.8	74.6	77.6	77.5	77.3	82.9
KA-224G	Rated Capacity(KVA)	85	85	85	79	93.8	97.5	98.8	100	104
	Rated Output(KW)	68	68	68	63.2	75	78	79	80	83
	Efficiency(%)	89.9	90.2	90.4	90.8	90.4	90.6	90.7	90.8	91
	Input Power(KW)	75.6	75.4	75.2	69.6	83	86.1	87.1	88.1	91.3