

Solid State Power Amplifiers																							© copyright OK1RR 2022 ver. 2.18 @ 2022-01-21 @ http://www.ok1rr.com/publicamp_overview.pdf																		
Type (model)	Power nominal (Watts)	Power out (Watts)	Active Device	100	80	60	40	30	20	17	15	12	10	6	4	IN	OUT	Tuner	TR	QSK	CI-V	USB	RS-232	F 1st	UDP	TCI 1st	LAN	Remote	PreDist	Weight (kg)	Dimensions W x H x D (cm)	Power	PSU	Other options	Standby (S)	IMD3 (PEP) (2 tones)	SW update	Certified CE	HC	Price EUR	Manufacturer (web site)
Acom 600S	600	600	MRFEVPS 300H x2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	1	1	✓	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	33 x 18.5 x 38	100-240 VAC	BUILT IN	+ 1 W	> -31 dB	free	✓	✗	2 850	ACOM https://www.acom-tg.com/products/amplifier/acom-600s-6m-amplifier	
Acom 700S	700	700	MRFEVPS 1K25N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	1	1	✓	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	13	32.6 x 14.3 x 36.5	100-240 VAC	BUILT IN	+ 1 W	> -31 dB	free	✓	✓	2AJKZ700S	3 045	ACOM https://www.acom-tg.com/products/amplifier/acom-700s-solid-state-18-54-mhz-linear-amplifier	
Acom 1200S	1 000	1 000	BLF188XR x2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	1	1	✓	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	14.5	37.2 x 17.1 x 42.7	100-240 VAC 2000 VA -180 VAC	BUILT IN	+ 1 W	> -31 dB	free	✓	✓	2AJKZ1200S	3 300	ACOM https://www.acom-tg.com/products/amplifier/acom-1200s-solid-state-18-54-mhz-linear-amplifier	
Amertson ALS400	600	500	MRF150 x4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	1	1	✗	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	14	24.1 x 15.2 x 35.5 (AMP) 14.75 (in PSU) 4.5 (in PSU)	120 or 240 VAC	SEPARATE		> -25 dB	n/a	✓	✓		2 036	MJF Enterprises https://mfjenterprises.com/products/wls400	
Amertson ALS406	600	500	MRF150 x4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	1	1	✗	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	14	24.1 x 15.2 x 35.5 (AMP) 14.75 (in PSU) 4.5 (in PSU)	120 or 240 VAC	SEPARATE		> -25 dB	n/a	✓	✓		2 036	MJF Enterprises https://mfjenterprises.com/products/wls406	
Amertson ALS1300	1 300	1 200	MRF150 x8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	1	1	✗	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	14	26.7 x 17.2 x 48.3 (AMP) 6.8 (PSU)	100-135 VAC 50A 200-240 VAC 12A 40-40 Hz	SEPARATE		> -25 dB	n/a	✓	✓		3 100	MJF Enterprises https://mfjenterprises.com/products/wls1300	
Amertson ALS1306	1 300	1 200	MRF150 x8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	1	1	✗	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	14	26.7 x 17.2 x 48.3 (AMP) 6.8 (PSU)	100-135 VAC 50A 200-240 VAC 12A 40-40 Hz	SEPARATE		> -25 dB	n/a	✓	✓		3 100	MJF Enterprises https://mfjenterprises.com/products/wls1306	
Asterix AZR1000	1 000	1 000	MRF1K50H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	1	5	✓	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	13	30 x 14 x 40	100-240 VAC 50/60 Hz	BUILT IN	+ 30 dB @ 1 kW	> -31 dB	free	✓	✓		2 520	Asterix http://www.asterix.co.uk/features/AZR1000.html	
Burst 1000A	1 200	1 200	MRF1K50H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	1	1	✓	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	14	31 x 15.3 x 35.3	85 - 300 VAC	BUILT IN	+ 1 W	> -31 dB	free	✓	✓		-3 525	BURST AMPLIFIER https://burstllc.com/	
Burst 2000A	2 400	2 200	MRF1K50H x2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	1	1	✓	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	18	39.5 x 15.3 x 35.3	85 - 300 VAC 85 - 175 VAC	BUILT IN		> -31 dB	free	✓	✓		-3 990	BURST AMPLIFIER https://burstllc.com/	
Elecraft KPA1500	1 500	1 500	BLF188XR x2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	1	2	✓	PIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	9 (AMP) 7.1 (PSU)	34 x 11.5 x 29 cm (AMP) 34 x 11.5 x 29 (PSU)	100-250 VAC 50/60 Hz 20A	SEPARATE		+32 - 35 dB	free	✓	✓	UTR-KPA1500	7 900	Elecraft https://elecraft.com/products/kpa1500-amplifier	
Elecraft KPA500	500	500	VPF933 x2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	1	1	✓	PIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	38.4 x 11.2 x 30.0	100-120 200-240 VAC 50/60 Hz 20A	BUILT IN		?	free	✓	✓		3 320	Elecraft http://elecraft.com/products/kpa500-compact-160-6-mhz-solid-state-amplifier	
HAL1200 Atlantic	1 000	1 000	SD293 x4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	1	1	✓	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	26.1 x 15.3 x 35.4	100 - 240 VAC /16 - 10 A max.	BUILT IN		+ 34 dB	?	✓	✓		2 700	ESB Hardware & Software http://www.esbhardware.com/products/atlantic1200.html	
Hilberling HPA-8000B	1 000	1 000	BLF188XR x2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	1	4	✓	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	19.8	42.5 x 17.3 x 45.9	200-230 VAC 13A	BUILT IN		?	free	✓	✓	V8HFA8000B-54	5 980	Hilberling https://www.hilberling.de/amatour/uv/	
Icom IC-2KL	500	500	29C262 x4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	1	1	✓	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	13.6	24.1 x 11.1 x 30	117-240 VAC 50/60 Hz	SEPARATE	(50)	?	n/a	✓	✓		discontinued	not available	
Icom IC-4K1	1 000	1 000	29C262 x8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	1	1	✓	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	26	42.5 x 20.7 x 45.9	117-240 VAC 50/60 Hz	SEPARATE	(50)	?	n/a	✓	✓		discontinued	not available	
Icom IC-PW1	1 000	1 000	MRF150 x8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2	4	✓	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	35	35 x 24.5 x 37.5	100-120 VAC 200-240VAC	BUILT IN		?	n/a	✓	✓		3 364	ICOM https://www.icomamerica.com/en/products/omaeuicfpw1/default.aspx	
JUMA PA1000	1 000	1 000	BLF188XR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	1	3	✓	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	5.5	26 x 13.5 x 30	115 or 230 VAC R 50 Hz 5.2 A	BUILT IN	5 W	+ 28 dB @ 1 kW	free	✓	✓		2 400	JUMA http://www.jumaelectronics.com/juma-pa1000/	
KM3RM Mercury III	1 000	1 200	BLF188XR x1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	1	3	✓	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	11.8	30.5 x 14.0 x 34.3	230 VAC	BUILT IN		+ 30 dB @ 1 kW	free	✓	✓		2 206	KM3RM Electronics LLC http://www.km3rm.com/elementary1915/ powered by RadioControl	
LADCS by RFpower	1 500	1 500	MRF1K50H x2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	1	3	✓	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	14	35 x 17 x 43	180-244 VAC 50/60 Hz	BUILT IN		+ 30 dB @ 1 kW	free	✓	✓		3 168	Linear Amp UK https://www.linearamp.co.uk/genm_HF.html	
LINEAR Amp Gemini HF-1K	1 000	1 000	BLF188XR x2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	1	3	✓	PIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	19	37 x 19 x 36	100-240V 50/60Hz, 10 A	BUILT IN	(16) (17)	+ 30 dB @ 1 kW	free	✓	✓		3 224	Linear Amp UK https://www.linearamp.co.uk/DK1200.html	
LINEAR Amp Gemini DX1200	1 200	1 200	BLF188XR x2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	1	3	✓	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	15.5	27.8 x 15.7 x 36.0	100-240V 50/60Hz	BUILT IN	(17)	+ 30 dB @ 1 kW	free	✓	✓		3 223	Linear Amp UK https://www.linearamp.co.uk/DK1200.html	
Palstar LA-1K	1 000	1 000	MRFEVPS600H x2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	1	3	✓	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	12.25	23.4 x 15.9 x 41.9	100VAC 230VAC 500 g/242A	BUILT IN		+ 35 dB	free	✓	✓		3 095	Palstar http://www.palstar.com/la1a/	
PGXL	1 500	1 500	MRF1K50H x2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2	2	✓	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	17	35 x 15 x 50	90-250 VAC 50-60 Hz, 15A	BUILT IN	(13) (18)	+ 10 W -46 dB (15m)	free	✓	✓	2AK7NSKYPCX1001	5 600	FlexRadio https://www.flexradio.com/products/powergenus-xt/	
RF-KIT B26-PA RF2K-5	1 500	1 500	BLF188XR x2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	1	4	✓	PIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	16	31 x 19 x 42.5	90-290 VAC 50/60 Hz	BUILT IN		80/8 W up to 40 dB	free	✓	✓	2AW8RF2K-5	4 391	RF-KIT https://rfkit.de/	
SPE Expert 1K-FA	1 000	1000 PEP 125W 900 CW	MRF150 x6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2	4	✓	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	20	28 x 14 x 32	100-238 VAC	BUILT IN		30 to -35 dB	free	✓	✓	UW31K-FA	discontinued	Rociada Per 1 Electronics http://www.speff.com/en/products/legend-1k-fa-uk.html	
SPE Expert 1.3K	1 300	1 300	MRF1K50H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2	4	✓	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	7.5	28 x 12 x 38	100-225 VAC	BUILT IN		30 to -35 dB	free	✓	✓	2ADKSC324809	2 350	Rociada Per 1 Electronics http://www.speff.com/en/products/legend-1.3k-fa-uk.html	
SPE Expert 1.3K-FA	1 300	1 300	MRF1K50H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2	4	✓	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	8.5	28 x 12 x 38	100-225 VAC	BUILT IN		30 to -35 dB	free	✓	✓	2ADKSC324809	2 320	Rociada Per 1 Electronics http://www.speff.com/en/products/legend-1.3k-fa-uk.html	
SPE Expert 1.5K-FA	1 500	1 500	MRFX1K50H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2	4	✓	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	12	28 x 12 x 38	100-225 VAC	BUILT IN	(13)	30 to -35 dB	free	✓	✓	2ADKSC324810	3 600	Rociada Per 1 Electronics http://www.speff.com/en/features-3kfa.html	
SPE Expert 2.0K-FA	2 000	2 000	MRF151G x6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2	6	✓	REL	✓	✓	✓	✓	✓	✓	✓	✓	✓	25	38 x 18.3 x 43	190-225 VAC	BUILT IN		30 to -35 dB	free	✓	✓	YQCR-FA	4 75		