

Solid State Power Amplifiers

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Type (model)	Power nominal (Watts)	Power out (Watts)	Active Device	Frequency Range (MHz)													IN	OUT	Tuner	T/R	QSK	CI-V	USB	RS-232	F (H)	UDP	TCI (H)	LAN	Remote (H)	PreDist	Weight (kg)	Power	PSU	Other options	StandBy (H)	IMD3 (PEP) (2 tone)	SW update	Certified		Price EUR	
				160	80	60	40	30	20	17	15	12	10	6	4	CE																						FC			
Acom 1200S	1 000	1 000	MRF1K80 x1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	1	1	✓ (H)	REL	✗	✗	✗	✗	✓	✓	✗	✗	✗	✓	✗	14,5	93-265 VAC 2000 VA <180 VAC ⁽¹⁰⁾	BUILT IN	< 1 W	> -31dB			2AJXZ1200S	3 300	
Ameritron ALS-600	600	500	MRF150 x4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	1	1	✗	REL	✓	✗	✗	✗	✓	✓	✗	✗	✗	✓	✗	5,7 (AMP) 14,75 (lin.PSU) 4,5 (ew. PSU)	120 or 240 VAC	SEPARATE		> -25dB	n/a				2 036
Ameritron ALS-1300	1 300	1 200	MRF150 x8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	1	1	✗	REL	✓ (H)	✗	✗	✗	✓	✓	✗	✗	✗	✓	✗			SEPARATE		> -25dB	n/a				3 100
Azden AZR-1000	1 000	1 000	MRF66VP61K25HR6 x2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	1	5	✗	REL	✗	✗	✗	✗	✓	✓	✗	✗	✗	✓	✗	13	100-240 VAC, 50/60 Hz	BUILT IN		> -30dB @ 1 kW					2 520
Burst-1000A	1 200	1 200 ^(H)	MRF1K50H	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	1	1	✗	REL	✗	✗	✗	✗	✓	✓	✗	✗	✗	✓	✗	14	85 - 300 VAC	BUILT IN	< 1 W	> -31dB		✗	✗		3 535
Burst-2000A	2 400	2 200 ^(H)	MRF1K50H x2	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	1	1	✗	REL	✗	✗	✗	✗	✓	✓	✗	✗	✗	✓	✗	18	85 - 300 VAC 85 - 175 VAC ⁽⁷⁾	BUILT IN		> -31dB		✗	✗		3 535
Electra KPA1500	1 500	1 500 (100% duty cycle ICAS)	BLF188XR x2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	1	2	✓	PIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9,8 (AMP) 7,1 (PSU)	195-250 VAC 50-60 Hz 20A	SEPARATE					UTR KPA1500	7 900	
Electra KPA500	500	500 (100% duty cycle ICAS)	VRF2933 x2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	1	1	✗	PIN	✓	✗	✗	✗	✓	✗	✗	✓	✗	✓	✗	12	100-120, 200-240 VAC, 50/60 Hz, 20A	BUILT IN							3 320
Hilberling HPA-8000B-54	1 000	1 000	BLF188XR x2	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	2	4	✓	REL	✗	✓	✓	✓	?	✗	✗	✗	✗	✓	✗	19,8	200-260 VAC 13A	BUILT IN				✓			5 980
Icom IC PW-1	1 000	1 000	MRF150 x8	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	2	4	✓	REL	✗	✗	✗	✗	✓	✓	✗	✗	✗	✓	✗	25	100-120 VAC 200-240VAC	BUILT IN				✓			3 364
JUMA PA1000	1 000	1 000	BLF188XR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	1	1	✗	REL	✗	✗	✗	✗	✓	✓	✗	✗	✗	✓	✗	5,5	115 or 230 VAC ^(H) 50 Hz 5.3 A	BUILT IN	5 W		free	✓			2 400
KMSKM Mercury IIIS	1 000	1 200	BLF189XR x1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	1	3	✗	REL	✗	✗	✗	✗	✓	✓	✗	✗	✗	✓	✗	11,8	230 VAC	BUILT IN							2 206
LINEAR Amp Gemini HF-1K	1 000	1 000	BLF188XR x2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	1	3	✗	PIN	✓	✗	✗	✗	✓	✓	✗	✗	✓	✓	✓	19		BUILT IN		> -30dB @ 1 kW					3 168
LINEAR Amp Gemini DX1200	1 200	1 200	BLF188XR x2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	1	3	✗	REL (vacc.)	✗	✗	✗	✗	✓	✓	✗	✗	✓	✓	✓	15,5	100-260V 50/60Hz	BUILT IN				✓			3 223
Palstar LA-1K	1 000	1 000 (100% duty cycle ICAS)	MRF66VP560GH x2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	1	3	✗	REL (vacc.)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	12,25	100VAC-250VAC /50V @42A	BUILT IN		> -35dB	free				3 095
PDXL	1 500	1 500 (100% duty cycle ICAS)	MRF1K50HR5 x2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	2	2	✗	REL	✗	✗	✗	✗	✓	✓	✗	✗	✓	✓	✓	17	90-250 VAC 50-60 Hz, 15A	BUILT IN	^(H)	< 10 W	-46dB (15m)	free	✓	2AK7NSKYPGXL001	7 699
RF-KIT B26-PA RF2K-S	1 500	1 500 (100% duty cycle ICAS)	BLF189XR x2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	1	4 (H)	✓	PIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	16	90-290 VAC 50-60 Hz	BUILT IN		up to -40 dB	free			2AH84RF2K-S	4 391
SPE Expert 1.3K	1 300	1 300	MRF66VP61K25H x1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	2	4	✗	REL	✗	✗	✓	✓	✓	✓	✗	✗	✗	✓	✗	7,5	100-255 VAC	BUILT IN						2ADK5GC324809	3 150
SPE Expert 1.3K ATU	1 300	1 300	MRF66VP61K25H x1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	2	4	✓	REL	✗	✗	✓	✓	✓	✓	✗	✗	✗	✓	✗	9,5	100-255 VAC	BUILT IN						2ADK5GC324809	4 150
SPE Expert 1.5K ATU	1 500	1 500	MRF1K80H x1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	2	4	✓	REL	✗	✗	✓	✓	✓	✓	✗	✗	✗	✓	✗	12	100-255 VAC	BUILT IN						2ADK5GC324810	4 880
SPE Expert 2.0K ATU	2 000	2 000	MRF151G v6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	2	6	✓	REL	✗	✓	✓	✓	✓	✓	✗	✗	✗	✓	✗	25	190-255 VAC	BUILT IN						Y9C2K-FA	5 994
Yaesu Quadra VL-1000	1 200	1 000	MRF150 x8	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	2	4	✓	REL	✗	✗	✗	✗	✓	✓	✗	✗	✓	✗	21	120 or 240 VAC	SEPARATE		> -30dB @ 1 kW					5 388	

Corrections & additions send please to:
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LEGEND:
✓ YES
✗ NO
? DATA NOT AVAILABLE

Power out printed in RED - can deliver full legal limit

- NOTES:
- (1) Frequency setting, auto band switching
 - (2) Remote via LAN/Internet
 - (3) AC Power consumption: PA in StandBy, PA in Sleep mode
 - (4) plus 30 external antennas
 - (5) TCI Scan SDR (PI interface)
 - (6) Water cooled
 - (7) Reduced output
 - (8) CI-V possible with USB adapter cable
 - (9) Optional
 - (10) Optional modification kit needed
 - (11) Optional PIN diode T/R switching board needed
 - (12) Factory locked, unlocking needed to operate
 - (13) SO2R capable
 - (14) Reduced output power