

Solid State Amplifier survey February 2016  
W6DE

Company Model	Gemini 1200	Palstar LA-1K	ACOM 1200S	KM3KM Mercury LUX	RF Kit RF2K-s	Icom PW2
Link	<a href="https://thedxshop.com/product/dx1200-solid-state-linear-amplifier/">https://thedxshop.com/product/dx1200-solid-state-linear-amplifier/</a>	<a href="https://www.palstar.com/en/la1k/">https://www.palstar.com/en/la1k/</a>	<a href="https://www.dxengineer.com/parts/aom-1200s">https://www.dxengineer.com/parts/aom-1200s</a>	<a href="https://www.km3km.com/">https://www.km3km.com/</a>	<a href="https://islandamplifier.com/product-category/rf-power-products/">https://islandamplifier.com/product-category/rf-power-products/</a>	<a href="https://www.hamradio.com/detail.cfm?pid=H0-018502">https://www.hamradio.com/detail.cfm?pid=H0-018502</a> <a href="https://www.dxengineer.com/parts/ico-ic-pw2">https://www.dxengineer.com/parts/ico-ic-pw2</a>
Price		\$3,315.72	\$3,695.95	\$4,199.00	\$4,300.00	\$5,490.00
Tax			\$258.72	\$293.93	\$301.00	\$384.30
Total		\$3,315.72	\$3,954.67	\$4,492.93	\$4,601.00	\$5,874.30
Power	1.2 KW	1 KW	1.2 KW	1.5KW	1.5 KW	1KW
Pro	Full QSK with vacuum relays. Almost too good of a price.	QSK @ 10 ms possible if used with CAT frequency control from computer	QSK 17 ms	1.5 KW SSB & CW, 800 Watts digital. Attractive packaging, Lightweight	Pin Diode QSK, tuner, good protection, full 1.5 KW on all but 6, 1KW on 6.	Digital Pre-Distortion clean signal. Relay QSK 10 to 15 MilliSecond.
Availability	varies-see web site	Now	Now-varies	Varies see web site	Varies see web site	Now-Varies
Weight	34 Pounds	27 Pounds	32 Pounds	29 Pounds	32 Pounds	49 Pounds
Con	Looks good but too many unknowns. No manual down load available. RF sensing band switching. Computer control is not available. No USA repair.	No tuner see comment below.	1KW on Digital Modes. No tuner. ACOM 06AT tuner Available. \$1600 <a href="https://www.dxengineer.com/parts/acom-06at">https://www.dxengineer.com/parts/acom-06at</a>	No tuner. No QSK.		Digital Pre-Distortion, clean signal available with only Icom 7610 and 7760.
Mfg in:	UK Price on web site is British Pounds. Unknown shipping price. They will ship to USA.	USA Palstar HF-Auto 1.8KW \$1700 tuner mates well with this amp.	Bulgaria. ACOM has outstanding email and tech support.	USA	Germany You can buy the RF2K-S online at Island Amps with PayPal or Credit Card. FREE SHIPPING from Germany.	Japan

Company Model	SPE 1.5K-FA Taurus	Flex/403A 3-way	Flex/403A PGXL	Elecraft KPA1500	ACOM 2020S	SPE 2K-FA Series Three
Link	<a href="https://expertamps.com/products/SPE-Expert-1-5K-FA-Taurus-Coming-Soon-p653778429">https://expertamps.com/products/SPE-Expert-1-5K-FA-Taurus-Coming-Soon-p653778429</a>	<a href="https://www.dxengineer.com/parts/o3a-pgxl-3way">https://www.dxengineer.com/parts/o3a-pgxl-3way</a>	<a href="http://www.flexradio.com/powergenius-xl/">www.flexradio.com/powergenius-xl/</a>	<a href="https://elecraft.com/products/kpa1500-amplifier">https://elecraft.com/products/kpa1500-amplifier</a>	<a href="https://www.dxengineer.com/parts/aom-2020s-240">https://www.dxengineer.com/parts/aom-2020s-240</a>	<a href="https://mtcradio.com/products/spe-expert-2k-fa-series-three-hf-plus-6m-legal-limit-plus-amplifier">https://mtcradio.com/products/spe-expert-2k-fa-series-three-hf-plus-6m-legal-limit-plus-amplifier</a>
Price		\$5,995.00	\$5,490.00	\$5,999.00	\$6,949.95	\$7,995.00
Tax		\$419.65	\$384.30	\$419.93	\$590.75	\$559.65
Total		\$6,414.65	\$5,874.30	\$6,418.93	\$7,540.70	\$8,554.65
Power	1.5 KW	1.5KW	1.5KW	1.5 KW	1.5 KW	1.5 KW
Pro	Replacement for 1.5KA. Much Improved protection, 1.5KW on Digital modes.	Bullet proof, absolutely best operator error protection	Bullet proof, absolutely best operator error protection	PIN diode QSK, Built-in tuner	Good specs, good protection, QSK 10ms.	Good reputation for reliability.
Availability	Limited availability	Now-varies	Now-varies	Now-varies	Now	Limited availability
Weight	23 Pounds	37 Pounds	37 Pounds	Amp+Power 22+17Pound	48 + 2 Pounds	23 Pounds
Con		Open frame T/R relay, 30 ms T/R transition. No tuner, external tuner available	Open frame T/R relay, 30 ms T/R transition. No tuner, external tuner available	Suseptable to operator error.	Most Expensive, No tuner. ACOM 06AT tuner Available. \$1600 <a href="https://www.dxengineer.com/parts/acom-06at">https://www.dxengineer.com/parts/acom-06at</a>	
Mfg in:	Italy Some confusion about who has stock and and competing US sellers	Montenegro FlexRadio Tuner Genius TGXL-1x3 \$2,199	Montenegro FlexRadio Tuner Genius TGXL-1x3 \$2,199	USA	Bulgaria ACOM has outstanding email and tech support.	Italy Some confusion about who has stock with competing US sellers