

# Svetlana Amateur Radio Tubes



**Svetlana**  
ELECTRON DEVICES

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**S**vetlana Electron Devices, Inc. is dedicated to serving the radio amateur. Our organization is staffed with radio amateurs at all levels. We know the contribution amateur radio has made to power tube technology and we strive to strengthen our association with the radio fraternity. We understand the needs and special requirements of hams and are tailoring our products and organization to serve those needs.

Svetlana power tubes are new to the Western world, however, we have been manufacturing power tubes in St. Petersburg Russia since the beginning of the technology. Svetlana began manufacturing electric light bulbs over one hundred years ago and is among the earliest vacuum tube manufacturers. With a rich history in the technology, Svetlana is the largest power tube designer and manufacturer in the world. We manufacture a wide variety of power tubes up to the level of 1 Megawatt CW. Svetlana tubes are of the highest quality backed by the strongest warranty in the industry.

Listed below are the essential characteristics of Svetlana power tubes now available for amateur radio requirements.

Svetlana Power Tubes for Amateur Radio														
Tube Type	Max	Max	Max	Max	Freq.	Heater	Heater	Svetlana	Svetlana	Typical Operation				
	Plate Dissipation W	Plate Voltage	Plate Current mA	Screen Voltage	For Full Rating	Volts	Amps	Socket	Anode Connector	Plate V	Grid 1 V	Grid 2 V	Plate Current mA	Power Output W
4CX1600B	1600	3300	1400	350	250	12.6	4.4	SK3A	AC-2	2400	-70	350	870	2088
4CX1500A	1500	5000	1000	750	150	5.0	38.5	-	AC-2	3000	-200	500	800	1800
5CX1500A	1500	5000	1000	750	110	5.0	38.5	-	AC-2	3000	-200	500	900	1980
4CX800A	800	2500	800	350	150	12.6	3.6	SK1A	AC-2	2200	-47	350	630	780
3CX800A7*	800	2500	600	-	450**	13.5	1.5	-	AC-1	2200	-8.2	-	500	750
4CX400A	400	2500**	410**	400	500	6.3	3.2	SK2A	AC-1	2500	-30	400	270/400**	405/610**
8874/3CX400A7	400	2200	350	-	500	6.3	3.0	-	AC-1	2000	-8.2	-	500**	587
4CX350A	350	2500	300	400	500	6.0	3.4	SK2A	AC-1	2200	-27	400	290	385
4CX250B	250	2200	250	400	500	6.0	2.6	SK2A	AC-1	2200	-55	350	250	300
4CX250R	250	2200	250	500	500	6.0	2.6	SK2A	AC-1	2200	-80	400	250	300
4X150A	250	2200	250	400	500	6.0	2.6	SK2A	AC-1	2200	-55	350	250	300
8560AS	200	2000	250	400	500	6.0	2.6	SK2A	AC-1	2000	-55	350	250	300
572B	160	2750**	275**	-	30	6.3	4.0	SK4A	PC-1A	2400	-2.0	-	250	300
811A	60	1500**	175**	-	30	6.3	4.0	SK4A	PC-1A	1500	-4.5	-	157	160
812A	65	1500	175	-	30	6.3	4.0	SK4A	PC-1A	1500	-120	-	170**	190**
EL509/6KG6	35	1000	350**	300	30	6.3	2.5	SK509	PC509	1000	-15***	-15***	300	150**

\*To be available soon

\*\*ICAS SSB Intermittent voice and 50% Duty CW.

\*\*\*Cathode driven; Grid, screen and suppressor grid grounded

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Shown here is a selection of Svetlana power tubes now available for amateur radio requirements.



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4CX250B



5CX1500A



4CX400A



4CX800A



EL509/6KG6



812A



4CX1500A



572B



811A



3CX800A7



8874/3CX400A7



4CX250R



8560AS



4X150A



4CX1600B



4CX350A