



Power devices

high voltage half-wave rectifiers book 2 part 3

Type No.	Description	D.C.† Output (A)	P.I.V. max. (kV)	Ik (av) max. (A)	Full Load† (kV)	Vf (V)	If (A)	Base
RG1-240A (CV1072) (CV1626) (CV2738)	Mercury-vapour	0.5	6.5	0.25	2.0	4.0	2.7	British 4-pin
RG3-250 (CV1625)	Mercury-vapour	0.5	10	0.25	3.1	2.5	5.0	Medium Edison Screw
RG3-250A (CV32)	Mercury-vapour	0.5	10	0.25	3.1	2.5	5.0	B4G
RR3-250 (CV1835)	Inert gas	0.5 1.0	10 5.0	0.25 0.5	3.1 1.5	2.5	5.0	B4G
RG3-1250 (CV1629)	Mercury-vapour	2.5	8.0 _a 13 _b	1.25	4.1	4.0	7.0	Goliath Edison Screw
RR3-1250 (CV2518)	Inert gas	2.5	10	1.25	3.1	5.0	7.0	B4F
RR3-1250A (CV2399)	Inert gas	2.5	13	1.25	4.1	4.0	11	Goliath Edison Screw
RR3-1250B	Inert gas	2.5	13	1.25	4.1	4.0	7.0	Goliath Edison Screw
RG4-1250 (CV1435)	Mercury-vapour	2.5	10 _a 20 _b	1.25	6.3	4.0	11	Goliath Edison Screw
RG4-3000	Mercury-vapour	6.0	15 _a	3.0	4.8	5.0	11.5	B4D

† Two tubes in a single phase full-wave circuit.

_a At condensed mercury temperature 25 to 55°C.

_b At condensed mercury temperature 20 to 40°C.

mercury vapour triode thyratrons

Type No.	Ik(av)max. (A)	Max. Peak Anode Voltage (kV)		†Ih (A)	Base
		Forward	Inverse		
XG1-2500 (CV5027)	2.5	1.0	1.5	4.5	B4G
XG2-6400	6.4	2.5	2.5	10	B4D

† V_h = 5.0V.