
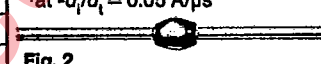










**Sinterglass Rectifiers**

Fast Rectifiers – Soft recovery – in Sinterglass package:  $V_R$  – 50 to 2000 V  
 $t_{rr}$  – 25 ns to 550 ns

Type	Electrical characteristics											Case: Dimensions see page 10 1) at $V_R = V_{RRM}$	
	$V_R = V_{RRM}$ V	$I_{FAV}$ A	at $T_{amb}$ °C	$I_{FSM}$ A	$I_R$ at $T_{amb}$ <sup>1)</sup> 25 °C µA	100 °C µA	$V_F$ at $I_F$ V	A	$t_{rr}$ at $I_F$ µs	A	$I_R$ and $I_T$ A		A
BY 203/12S	1200	0.25	25	20	≤100	–	≤2.4	0.2	<0.55	0.01	0.01	0.001	 Fig. 1
/16S	1600	0.25	25	20	≤100	–	≤2.4	0.2	<0.55	0.01	0.01	0.001	
/20S	2000	0.25	25	20	≤100	–	≤2.4	0.2	<0.55	0.01	0.01	0.001	
BY 228	1500	3	25	50	≤5	≤200	≤1.5	5	<20	1 <sup>2)</sup>	–	–	 Fig. 2
BY 228/13S	1000	3	25	50	≤5	≤200	≤1.5	5	<20	1 <sup>2)</sup>	–	–	
/15S	1200	3	25	50	≤5	≤200	≤1.5	5	<20	1 <sup>2)</sup>	–	–	Fig. 2
BY 268	1400	0.8	25	20	≤2	≤15	≤1.25	0.4	<0.4	0.5	1	0.25	 Fig. 2
BY 269	1600	0.8	25	20	≤2	≤15	≤1.25	0.4	<0.4	0.5	1	0.25	
BY 448	1500	2	25	50	≤5	≤200	≤1	–	<20	1 <sup>2)</sup>	–	–	 Fig. 1
BY 458	1200	2	25	50	≤5	≤200	≤1	–	<20	1 <sup>2)</sup>	–	–	
BYT 77	800	3	45	90	<5	<50	<1.1	3	<0.2	0.5	1	0.25	 Fig. 2
BYT 78	1000	3	45	90	<5	<50	<1.1	3	<0.2	0.5	1	0.25	
BYV 12	100	1.5	25	30	<5	<50	≤1.5	1	<0.3	0.5	1	0.25	 Fig. 1
BYV 13	400	1.5	25	30	<5	<50	≤1.5	1	<0.3	0.5	1	0.25	
BYV 14	600	1.5	25	30	<5	<50	≤1.5	1	<0.3	0.5	1	0.25	
BYV 15	800	1.5	25	30	<5	<50	≤1.5	1	<0.3	0.5	1	0.25	
BYV 16	1000	1.5	25	30	<5	<50	≤1.5	1	<0.3	0.5	1	0.25	
BYV 27/50	50	2	25	50	≤5	≤150	≤1	2	<0.025	0.5	1	0.25	
/100	100	2	25	50	≤5	≤150	≤1	2	<0.025	0.5	1	0.25	
/150	150	2	25	50	≤5	≤150	≤1	2	<0.025	0.5	1	0.25	
/200	200	2	25	50	<5	<50	≤1	2	<0.025	0.5	1	0.25	
BYV 28/50	50	3.5	25	90	≤5	<50	≤1.1	5	<0.03	0.5	1	0.25	
/100	100	3.5	25	90	≤5	≤150	≤1.1	5	<0.03	0.5	1	0.25	 Fig. 2
/150	150	3.5	25	90	≤5	≤150	≤1.1	5	<0.03	0.5	1	0.25	
/200	200	–	25	90	<5	<50	≤1.1	5	<0.03	0.5	1	0.25	
BYV 37	800	2	25	50	<5	<50	<1.1	1	<0.3	0.5	1	0.25	 Fig. 1
BYV 38	1000	2	25	50	<5	<50	<1.1	1	<0.2	0.5	1	0.25	
BYV 61	50	6	≤75	100	≤5	≤150	≤1	6	≤0.03	0.5	1	0.25	 Fig. 3
BYV 62	100	6	≤75	100	≤5	≤150	≤1	6	≤0.03	0.5	1	0.25	
BYV 63	150	6	≤75	100	≤5	≤150	≤1	6	≤0.03	0.5	1	0.25	
BYW 32	200	2	25	50	<5	<50	≤1.1	1	<0.2	0.5	1	0.25	 Fig. 1
BYW 33	300	2	25	50	<5	<50	≤1.1	1	<0.2	0.5	1	0.25	
BYW 34	400	2	25	50	<5	<50	≤1.1	1	<0.2	0.5	1	0.25	
BYW 35	500	2	25	50	<5	<50	≤1.1	1	<0.2	0.5	1	0.25	
BYW 36	600	2	25	50	<5	<50	≤1.1	1	<0.2	0.5	1	0.25	
BYW 72	200	3	45	90	<5	<50	≤1.1	3	<0.2	0.5	1	0.25	
BYW 73	300	3	45	90	<5	<50	≤1.1	3	<0.2	0.5	1	0.25	
BYW 74	400	3	45	90	<5	<50	≤1.1	3	<0.2	0.5	1	0.25	
BYW 75	500	3	45	90	<5	<50	≤1.1	3	<0.2	0.5	1	0.25	
BYW 76	600	3	45	90	<5	<50	≤1.1	3	<0.2	0.5	1	0.25	

WWW

