



★ Cell Super Capacitor/Ultracapacitor ★

Feature: 1 GT EDLC EDLC made of ACP activated carbon electrode and organic electrolyte.

2 Operate temperature: **-40℃~+70℃(SP series)**,high temperature type: **-40℃~+85℃ (SPH series)**

3 Cycle life **1,000,000** duty times.

4 Voltage: **2.7V** and **2.8V**

5 Low ESR,low leakage current. Big capacitance,high reliability. Quickly charge-discharge and can supply high power.

Part NO.	Rated Voltage (V)	Surge Voltage (V)	Cap (F)	Max ESR(mΩ)		Max.LC @ R.T.after 24hrs(mA)	Max. Continuous Current(A)	Max. Peak Current(A) (65℃), 1s (non repetitive)	Max.Energy Storage (Wh)	Max.Energy Density (Wh/Kg)	Weight (grams/pc)	Size	Lead Space
				DC	AC 1KHz							(mm)	P(mm)
	GTSP-2R7-254ZR	2.7	2.85	0.25	N/A	700	0.005	0.08	0.32	0.00025	N/A	Φ5x12	2
	GTSP-2R7-354ZR	2.7	2.85	0.35	N/A	700	0.005	0.12	0.35	0.00035	N/A	Φ5x12	2
	GTSP-2R7-504ZR	2.7	2.85	0.5	N/A	700	0.005	0.16	0.40	0.00051	N/A	Φ6.3x12	2.5
	GTSP-2R7-105ZR	2.7	2.85	1.0	N/A	350	0.008	0.27	0.63	0.00101	0.90	Φ8x13	3.5
	GTSP-2R7-205ZR	2.7	2.85	2.0	N/A	300	0.01	0.43	1.38	0.00203	1.86	Φ8x20	3.5
	GTSP-2R7-305ZR	2.7	2.85	3.0	N/A	260	0.015	0.72	1.82	0.00304	2.09	Φ8x20	3.5
	GTSP-2R7-335ZR	2.7	2.85	3.3	N/A	120	0.02	0.9	2.12	0.00334	2.09	Φ10x20	5
	GTSP-2R7-475ZR	2.7	2.85	4.7	N/A	100	0.025	1.02	2.77	0.00476	2.2	Φ12.5x21	5
	GTSP-2R7-505ZR	2.7	2.85	5	N/A	90	0.03	1.1	2.89	0.0051	2.2	Φ12.5x21	5
	GTSP-2R7-805ZR	2.7	2.85	8	N/A	80	0.04	1.61	4.55	0.0081	2.95	Φ12.5x21	5
	GTSP-2R7-106ZR	2.7	2.85	10	N/A	40	0.03	2.45	9.0	0.0109	3.38	Φ12.5x26	5
	GTSP-2R7-156ZR	2.7	2.85	15	N/A	30	0.04	2.75	11	0.015	2.71	Φ12.5x31	5
	GTSP-2R7-206ZR	2.7	2.85	20	N/A	29	0.04	5.13	14.8	0.0218	3.10	Φ16x34	7.5
	GTSP-2R7-256ZR	2.7	2.85	25	N/A	27	0.05	5.63	16.9	0.0245	3.16	Φ16x34	7.5
	GTSP-2R7-306ZR	2.7	2.85	30	N/A	20	0.06	6.5	18.8	0.032	3.89	Φ16x34	7.5
	GTSP-2R7-506ZR	2.7	2.85	50	N/A	20	0.75	10.4	27	0.054	3.99	Φ18x40	8
	GTSP-2R7-107ZN	2.7	2.85	100	15	11	0.2	11	54	0.10	4.4	Φ22x45	10
	GTSP-2R7-127ZN	2.7	2.85	120	14	11	0.2	11	56	0.12	4.4	Φ22x45	10
	GTSP-2R7-157ZN	2.7	2.85	150	14	10	0.3	13	65	0.15	4.34	Φ25x50	10
	GTSP-2R7-207ZN	2.7	2.85	200	13	10	0.65	35	72	0.25	4.4	Φ35x62	10
	GTSP-2R7-407ZN	2.7	2.85	400	14	10	0.85	60	121	0.41	4.34	Φ35x62	10



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2 Operate temperature: **-40℃~+70℃**

3 Cycle life **1,000,000** duty times.

4 Voltage: **2.7V**

5 Extremely low ESR, low leakage current, large capacitance, high reliability. Quickly charge-discharge and can supply high power.

Part NO.		Rated Voltage (V)	Surge Voltage (V)	Cap	Max ESR(mΩ)		Max.LC @ R.T.after 72hrs(mA)	Max. Continuous Current(A)	Max. Peak Current(A) (65℃), 1s (non repetitive)	Max.Energy Storage (Wh)	Max.Energy Density (Wh/Kg)	Weight (grams/pc)	Size	Lead Space
				(F)	DC	AC 1KHz							(mm)	P(mm)
	GTSP-27R-367ZP	2.7	2.85	360	3.1	2.8	0.5	34	230	0.36	4.56	80	Φ35x63	12.5
	GTSP-2R7-407ZP	2.7	2.85	400	3.1	2.8	0.6	34	230	0.41	5.96	85	Φ35x70	12.5
	GTSP-2R7-607ZP	2.7	2.85	600	3	2.5	0.9	38	289	0.61	5.24	116	Φ35x96	12.5
	GTSP-27R-367ZS	2.7	2.85	360	3.1	2.8	0.5	34	230	0.36	4.56	80	Φ35x63	12.5
	GTSP-2R7-407ZS	2.7	2.85	400	3.1	2.8	0.6	34	230	0.41	5.96	85	Φ35x70	12.5
	GTSP-2R7-607ZS	2.7	2.85	600	3	2.5	0.9	38	289	0.61	5.24	116	Φ35x96	12.5
	GTSP-2R7-657ZW	2.7	2.85	650	0.59	0.49	1.2	65	634	0.66	2.86	230	Φ61x51.5	N/A
	GTSP-2R7-128ZW	2.7	2.85	1200	0.47	0.40	2.5	85	1035	1.22	4.05	300	Φ61x74	N/A
	GTSP-2R7-158ZW	2.7	2.85	1500	0.41	0.33	3.0	100	1253	1.52	4.60	330	Φ61x85	N/A
	GTSP-2R7-208ZW	2.7	2.85	2000	0.32	0.25	3.5	125	1646	2.03	5.06	400	Φ61x102	N/A
	GTSP-2R7-308ZW	2.7	2.85	3000	0.26	0.22	5.2	150	2275	3.04	5.73	530	Φ61x138	N/A
	GTSP-2R7-508ZW	2.7	2.85	5000	0.23	0.21	8.0	205	3139	5.06	6.33	800	Φ61x210	N/A
	GTSP-2R7-307ZS	2.7	2.85	300	0.70	0.60	0.45	32	320	0.3	2.17	140	50x25x80	25 M5
	GTSP-2R7-407ZS	2.7	2.85	400	0.70	0.60	0.45	40	420	0.41	2.89	140	50x25x80	25 M5
	GTSP-2R7-657ZS	2.7	2.85	650	0.60	0.50	1.0	82	780	0.66	3.46	190	50x25x110	25 M5
	GTSP-2R7-128ZS	2.7	2.85	1200	0.45	0.40	1.8	100	1256	1.22	4.05	300	60x56x90	27 M6
	GTSP-2R7-158ZS	2.7	2.85	1500	0.35	0.30	3	112	1462	1.52	4.34	350	60x56x103	27 M6
	GTSP-2R7-208ZS	2.7	2.85	2000	0.25	0.20	4	120	1865	2.03	4.61	440	60x56x125	27 M6
	GTSP-2R7-248ZS	2.7	2.85	2400	0.25	0.20	3	122	2018	2.43	3.47	700	60x56x168	27 M6
	GTSP-2R7-308ZS	2.7	2.85	3000	0.2	0.15	5	158	2575	3.05	4.34	700	60x56x168	27 M6
	GTSP-2R7-708ZS	2.7	2.85	7000	0.15	0.12	8	168	2765	7.09	5.45	1300	80x80x168	27 M6