

Cooper Electronic Technologies has developed a series of PowerStor design kits for engineers to experiment with and use to determine the right supercapacitor for their applications.

PS-5903: High Power Design Kit for Pulse and Bridge Power Applications

 The PS-5903 kit includes all of PowerStor's 2.5V
A Series supercapacitors from 0.47 to 4.7F and the 5.0V PA Series supercapacitors from 0.22 to 0.47F.

PS-5904: High Energy Design Kit for Bridge Power and Memory Backup Applications

 The PS-5904 kit includes the lower value 2.5V
B Series supercapacitors from 0.22 to 3.3F and the 5.0V PB Series supercapacitors from 0.1 to 1.0F.

PS-5905: High Energy Design Kit for Bridge, Pulse and Main Power Applications

The PS-5905 kit includes the mid range 2.5V
B Series supercapacitors from 3.3 to 10F.

PS-5906: High Energy Design Kit for Main, Bridge and Pulse Power Applications

The PS-5905 kit includes the higher value 2.5V
B Series supercapacitors from 22 to 50F.



PowerStor's Design Kits are available from any of our distributors. For a list of distributors please visit www.cooperet.com/distributors.asp.

Part Number	Capacitance (F)	ESR (Ohms)	PS-5903 High Power A Series 0.22 to 4.7F (Units)	PS-5904 High Energy B Series 0.10 to 3.3F Devices (Units)	PS-5905 High Energy B Series 3.3 to 10F Devices (Units)	PS-5906 High Energy B Series 22 to 50F Devices (Units)
A0820-2R5474	0.47	0.125	4			
A1020-2R5105	1	0.070	4			
A1030-2R5155	1.5	0.050	4			
A1635-2R5475	4.7	0.025	4			
B0510-2R5224	0.22	3.0		6		
B0810-2R5105	1	0.400		6		
B1010-2R5155	1.5	0.300		6		
B0820-2R5225	2.2	0.200		4		
B1020-2R5335	3.3	0.150		4	6	
B0830-2R5475	4.7	0.150			6	
B1030-2R5685	6.8	0.100			6	
B1325-2R5106	10	0.060			6	
B1635-2R5226	22	0.040				2
B1835-2R5336	33	0.030				2
B1840-2R5506	50	0.025				2
PA-5R0V224*	0.22	0.200	4			
PA-5R0V474*	0.47	0.150	4			
PB-5R0V104*	0.1	6.000		4		
PB-5R0V474*	0.47	1.000		4		
PB-5R0V105*	1	0.500		4		
# OF PARTS			24	38	24	6

^{*} Note: Bend vertical lead 90 degrees if horizontal supercapacitor required







PS-5006 9/02

Visit us on the Web at www.cooperET.com

© Cooper Electronic Technologies 2002 3601 Quantum Boulevard Boynton Beach, Florida 33426-8638 Tel: +1-561-752-5000 Toll Free: +1-888-414-2645 Fax: +1-561-742-1178

This bulletin is intended to present product design solutions and technical information that will help the end user with design applications. Cooper Electronic Technologies reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Cooper Electronic Technologies also reserves the right to change or update, without notice, any technical information contained in this bulletin. Once a product has been selected, it should be tested by the user in all possible applications.