COOPER Bussmann

PowerStor®
Design Kits

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

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PS-5006 9/02

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