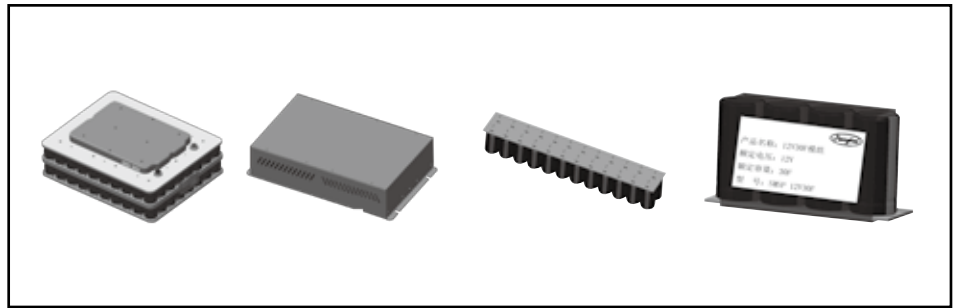


Features

- Standard EDLC modules
- Energy storage solution
- DTU、FTU
- Power grid backup supply
- Automotive electronics



Items	Characteristics		
Rated Voltage	12-800V		
Operating Temperature Range	-40~+65°C		
Capacitance Range	7.5F~180F		
Capacitance Tolerance (25°C)	-10~+30%		
Temperature Characteristics	The specifications shall be met at category temperature range form -40°C to 65°C	Capacitance Change	Within 30% of the value at 25°C
		ESR	Less than 2 times of the initial specified value
High Temperature Loaded	The specifications shall be met after rated voltage applied at 65°C for 1500 hours	Capacitance Change	Within 30% of the initial value
		ESR	Less than 2 times of the initial specified value
High Temperature Storage	The specifications shall be met after storage at 65°C for 1500 hours	Capacitance Change	Within 30% of the initial value
		ESR	Less than 2 times of the initial specified value
Cycle Life	The specifications shall be met after 500,000 cycles at 25°C, cycle of charge/discharge from V_R to $1/2V_R$	Capacitance Change	Within 30% of the initial value
		ESR	Less than 2 times of the initial specified value

Standard Ratings for SMSP Series

U_R (Surge Voltage) Code	Rated Cap. 25°C	ESR _{DC}	Leakage Current (72hrs)	Max. Peak Current (1s)	Size ΦL×W×H	Weight	P/N
(V)	(F)	(mΩ)	(mA)	(A)	(mm)	(kg)	-
12	30	70	0.3	58	93×29×50	0.13	SCMDPS012306QA
	40	55	0.5	75	103×31×52	0.15	SCMDPS012406QA
27	180	30	1.8	380	400×140×92	6.5	SCMDPS027187QA
64	19.5	100	1.0	220	435×72×68	2.5	SCMDPS064196QA
432	7.5	105	2.7	930	650×520×205	56	SCMDPS432755QA
800	9.3	120	6	1900	600×700×1800	250	SCMDPS800935QA

*Customer products are available on request.