

Typical application 典型应用

- Backup power supply for fan rotor system
风机变桨系统后备电源
- Energy storage system of construction machinery
工程机械储能系统
- Industrial standby power supply
工业备用电源
- AGV on-board power supply
AGV车载电源



Items 项目	Characteristics 特性		
Rated Voltage 额定电压	80-160 V		
Operating Temperature Rang 工作温度范围	-40~+65°C		
Capacitance Range 容量范围	6F~21.7 F		
Capacitance Tolerance 容差范围(25°C)	0~+20%		
Temperature Characteristics 温度特性	The specifications shall be met at category temperature range from -40°C to 65°C 在-40°C至65°C温度范围内, 应满足规范	Capacitance change 容量变化	Within 20% of the initial value at 25°C 在25°C时初始值的20%以内
		ESR _{AC} change 交流内阻变化	Not more than 2 times of the initial specified value 不超过初始规定值的2倍
High Temperature Loaded 高温负荷	The specifications shall be met after rated voltage applied at 65°C for 1000 hours 在65°C温度下, 以额定电压恒压1000h后, 应满足规范	Capacitance change 容量变化	Within 20% of the initial value 在初始值的20%以内
		ESR _{AC} change 交流内阻变化	Not more than 2 times of the initial specified value 不超过初始规定值的2倍
High Temperature Storage 高温存储	The specifications shall be met after storage at 70°C for 1000 hours 在70°C温度下, 不加电压储存1000h后, 应满足规范	Capacitance change 容量变化	Within 20% of the initial value 在初始值的20%以内
		ESR _{AC} change 交流内阻变化	Not more than 2 times of the initial specified value 不超过初始规定值的2倍
Cycle Life 循环寿命	The specifications shall be met after 500,000 cycles at 25°C, cycle of charge/discharge from V _R to 1/2V _R 在25°C温度下, V _R ~ 1/2V _R 充放电循环500,000次后, 应满足规范	Capacitance change 容量变化	Within 20% of the initial value 在初始值的20%以内
		ESR _{AC} change 交流内阻变化	Not more than 2 times of the initial specified value 不超过初始规定值的2倍

Ratings for SSM Series SSM 系列额定值

U _s (Surge Voltage) Code (额定电压 浪涌电压) 代码	Rated Cap. 25°C (额定容量 25°C) (F)	ESR _{DC} 直流内阻	Leakage Current 漏电流 (72hrs)	Max. Peak Current (1s) 峰值电流	Size 尺寸 ΦL×W×H	Weight 重量	P/N 产品代码
(V)	(F)	(mΩ)	(mA)	(A)	(mm)	(Kg)	-
80	21.7	70	60	440	465×150×207	9.5	SCMDPS080216RA
85	20.6	75	60	400	400×148×213	11	SCMDPS085206RA
90	9.6	130	30	220	305×115×263	7.5	SCMDPS090965RA
	11.1	130	30	220	305×115×263	7.5	SCMDPS090116RA
	13	130	30	220	305×115×263	7.5	SCMDPS090136RA
	19.4	75	60	440	410×150×211	11	SCMDPS090196RA
125	7.2	200	30	220	390×190×80	5.5	SCMDPS125725RA
160	6	240	30	220	379×251×83	6.5	SCMDPS160605RA
	10	220	30	320	428×90×300	9	SCMDPS160106RA
	12	220	30	320	480×90×336	11.5	SCMDPS160126RA
	13	220	30	320	480×90×336	14	SCMDPS160136RA
	13	160	30	360	428×125×300	14	SCMDPS160136RA
	15	160	35	360	428×125×300	15	SCMDPS160156RA-H
	20	160	35	380	480×128×328	20	SCMDPS160206RA

*Customer products are available on request.