

Typical application 典型应用

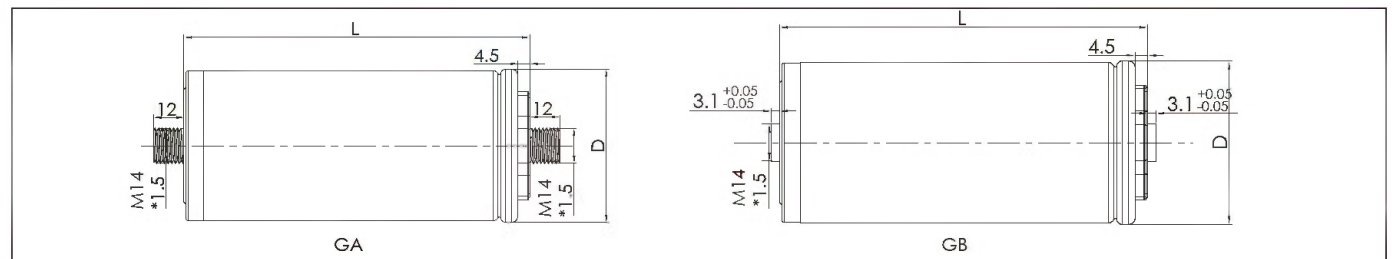
- Subway energy storage system
地铁线路储能系统
- Start power module of passenger car
乘用车启动电源模块
- Backup power supply for fan rotor control system
风机变桨控制系统的后备电源
- Energy storage system for construction machinery
工程机械储能系统
- Micro network storage
微网储能



Items 项目	Characteristics 特性		
Rated Voltage 额定电压	2.7 V		
Operating Temperature Rang 工作温度范围	-40~+65°C		
Surge Voltage 浪涌电压	2.85 V		
Capacitance Range 容量范围	650~3400 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 rated value at 25°C 在25°C时额定值的20%以内
		ESR _{DC} change 直流内阻变化	Not more than 2 times of the rated value 不超过额定值的2倍
High Temperature Loaded 高温负荷	The specifications shall be met after rated voltage applied at 65°C for 1500 hours 在65°C温度下, 以额定电压恒压1500h后, 应满足规范	Capacitance change 容量变化	Within 20% of the rated value 在额定值的20%以内
		ESR _{DC} change 直流内阻变化	Not more than 2 times of the rated value 不超过额定值的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 rated value 在额定值的20%以内
		ESR _{DC} change 直流内阻变化	Not more than 2 times of the rated value 不超过额定值的2倍
Cycle Life 循环寿命	The specifications shall be met after 1,000,000 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1,000,000次后, 应满足规范	Capacitance change 容量变化	Within 20% of the rated value 在额定值的20%以内
		ESR _{DC} change 直流内阻变化	Not more than 2 times of the rated value 不超过额定值的2倍

Dimensions 尺寸

mm



Ratings for SGP Series SGP 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 (*)	ESR _{DC} 直流内阻	Leakage Current 漏电流(72hrs)	Maximum Continuous Current 最大持续电流 (Δt=15°C)	Maximum Continuous Current 最大持续电流 (Δt=40°C)	Size 尺寸 ΦD×L	Weight 重量	P/N 产品代码
(V)	(F)	(mΩ)	(mA)	(A)	(A)	(mm)	(g)	-
2.7 (2.85) 2R7	650	0.8	1.5	54	88	61×52	160	SCCDPG2R7657RGB610052E
								SCCDPG2R7657RGA610052E
	1200	0.58	2.7	70	110	61×74	260	SCCDPG2R7128RGB610074E
								SCCDPG2R7128RGA610074E
	1500	0.47	3	84	140	61×85	280	SCCDPG2R7158RGB610085E
								SCCDPG2R7158RGA610085E
	2000	0.35	4.2	110	170	61×102	360	SCCDPG2R7208RGB610102E
								SCCDPG2R7208RGA610102E
	3000	0.29	5.2	130	210	61×138	510	SCCDPG2R7308RGB610138E
								SCCDPG2R7308RGA610138E
	3400	0.28	10	130	210	61×138	513	SCCDPG2R7348RGB610138E
								SCCDPG2R7348RGA610138E