

Typical application 典型应用

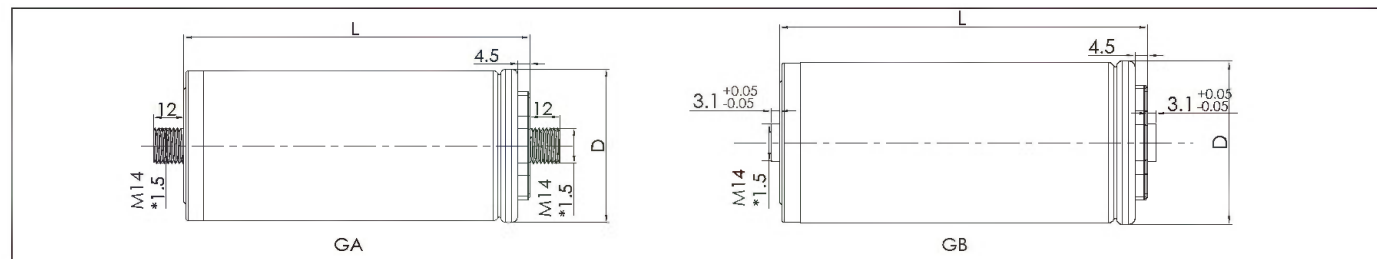
- Subway energy storage system
地铁线路储能系统
- Start power module of passenger car
乘用车启动电源模块
- Backup power supply for fan rotor control system
风机变桨控制系统的后备电源
- Energy storage system for construction machinery
工程机械储能系统
- Micro network storage
微网储能



Items 项目	Characteristics 特性		
Rated Voltage 额定电压	3.0 V		
Operating Temperature Rang 工作温度范围	-40~+65°C		
Surge Voltage 浪涌电压	3.15 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 SGE Series SGE 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)	-
3 (3.15) 3R0	650	0.79	3	54	88	61×52	160	SCCDEG3R0657RGB610052E
								SCCDEG3R0657RGA610052E
	1200	0.55	5	73	110	61×74	260	SCCDEG3R0128RGB610074E
								SCCDEG3R0128RGA610074E
	1500	0.47	7	83	140	61×85	280	SCCDEG3R0158RGB610085E
								SCCDEG3R0158RGA610085E
	2000	0.36	8	102	170	61×102	360	SCCDEG3R0208RGB610102E
								SCCDEG3R0208RGA610102E
	3000	0.27	12	130	210	61×138	510	SCCDEG3R0308RGB610138E
								SCCDEG3R0308RGA610138E
	3400	0.24	15	140	225	61×138	513	SCCDEG3R0348RGB610138E
								SCCDEG3R0348RGA610138E