

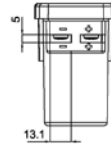
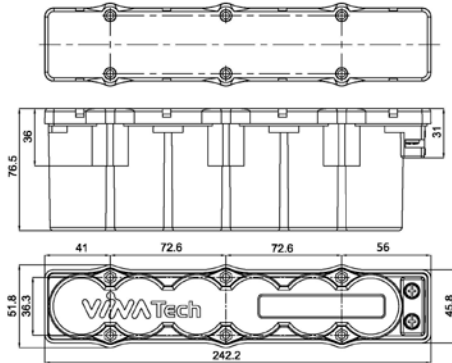
FEATURES

- Ultra-low internal resistance
- High power and reliable performance
- Over 500,000 duty cycles
- Compact & fully enclosed splash proof design

TYPICAL APPLICATIONS

- Automotive
- Consumer electronics
- Renewable energy system
- Short term UPS & Telecommunications
- Wind pitch control

Drawing



SPECIFICATION

ELECTRICAL	VEM16R0606QG
Rated Capacitance	60F
Maximum ESR _{Dcr} initial	22mΩ
Rated Voltage	16V
Maximum Peak Current (1 second)	200A
Maximum Continuous Current	20A
Leakage Current, maximum	22mA
TEMPERATURE	
Operating Temperature	-40°C ~ 65°C
Storage Temperature	-40°C ~ 70°C
CELL VOLTAGE MANAGEMENT	
CELL Voltage Management	ACTIVE / PASSIVE
PHYSICAL	
Mass, typical	0.67 kg
Power Terminals	M5 Thread
Environmental Protection	IP54
POWER & ENERGY	
Usable Specific Power	2,400 W/kg
Specific Energy, E _{max}	3.33Wh/kg
Stored Energy	2.13Wh
LIFE	
High Temperature (1500 hours)	Capacitance: -20% of initial value, ESR: Within 2 times of initial value
Room Temperature (25°C)	Capacitance: -20% of initial value, ESR: Within 2 times of initial value
Cycle Life	500,000 cycles