

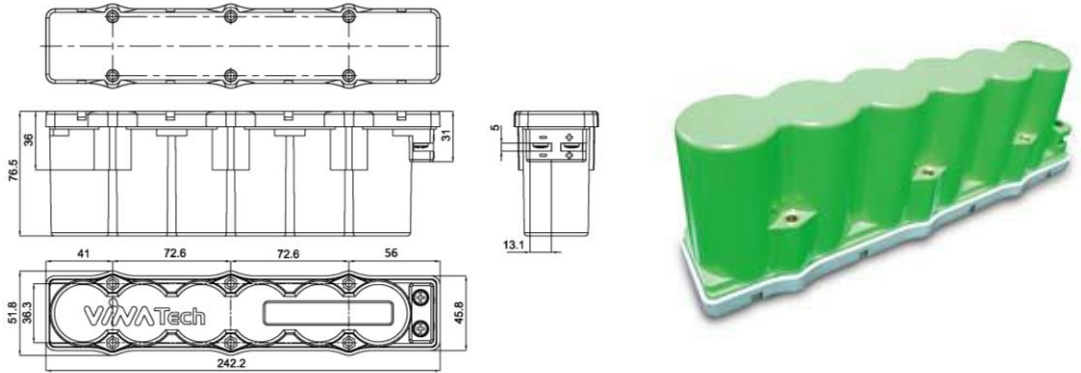
FEATURES

- Ultra-low internal resistance
- Highest power performance available
- Over 500,000 duty cycles
- Compact, rugged, fully enclosed splash proof design

TYPICAL APPLICATIONS

- Automotive
- Industrial
- Telecommunications
- Transportation
- Uninterruptible Power Supplies(UPS)
- Wind turbines

Drawing



SPECIFICATION

ELECTRICAL	VEM16R0606QG
Rated Capacitance	60 F
Maximum ESR _{DC} initial	22 mΩ
Rated Voltage	16 V
Maximum Continuous Current	20A
Leakage Current, maximum	25mA
TEMPERATURE	
Operating Temperature	-40°C ~ 65°C
Storage Temperature	-40°C ~ 70°C
CELL VOLTAGE MANAGEMENT	
CELL Voltage Management	ACTIVE
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(Cycle of charge/discharge from VR to 1/2VR)