

## FEATURES

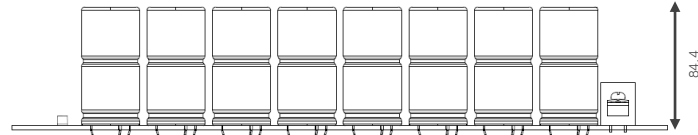
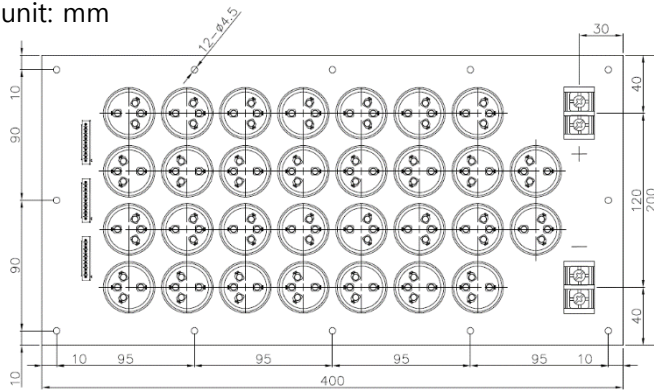
- Ultra-low internal resistance
- Highest power performance available
- Over 500,000 duty cycles
- Compact design
- Output Terminal M5 Thread

## TYPICAL APPLICATIONS

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

## Drawing

unit: mm



## SPECIFICATION

ELECTRICAL	VEM90R0166QG
Rated Capacitance	16.6 F
Capacitance Tolerance	-10 ~ +30%
Maximum ESR <sub>AC</sub> , initial	100 mΩ
Rated Voltage	90V
Rated Current(Output Terminal)	100A
Leakage(72hr) + Balancing Current, maximum	1.5mA
TEMPERATURE	
Operating Temperature	-40°C ~ 65°C
Storage Temperature	-40°C ~ 70°C
CELL VOLTAGE MANAGEMENT	
CELL Voltage Management	ACTIVE
PHYSICAL	
Mass, typical	3.5 Kg
Power Terminal	M5 Thread
Recommended Torque-Terminal	0.5 Nm
POWER & ENERGY	
Stored Energy	18.75Wh
LIFE	
High Temperature (1000 hours)	Capacitance: -30% of specification value, ESR: Within 2 times of specification value
Cycle Life	500,000 cycles(Cycle of charge/discharge from VR to 1/2VR)