

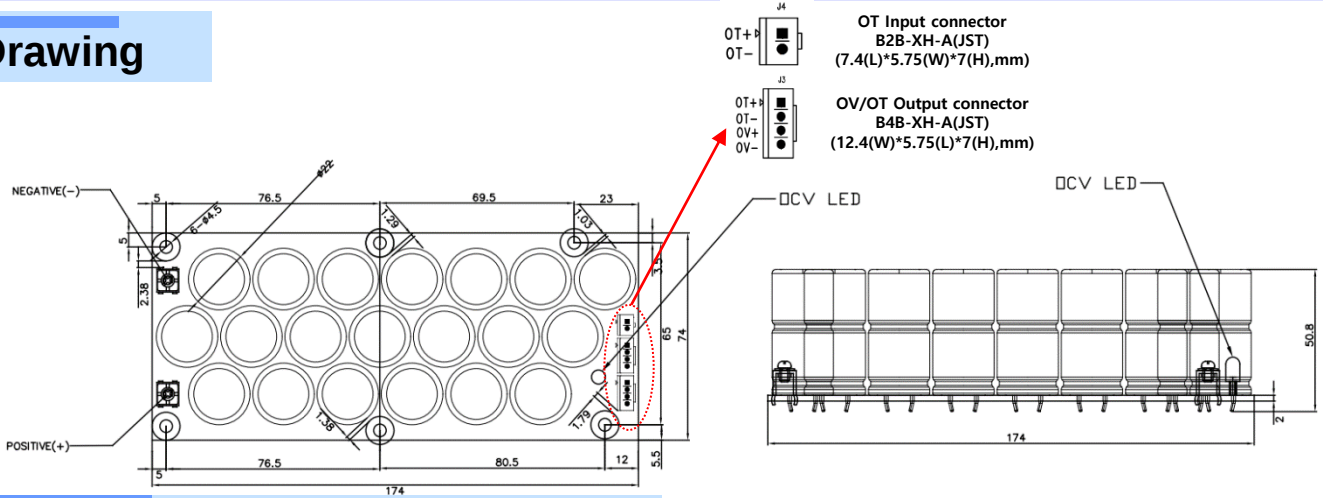
FEATURES

- Ultra-low internal resistance
- Highest power performance available
- Over 500,000 duty cycles

TYPICAL APPLICATIONS

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

Drawing



SPECIFICATION

(Unit : mm)

Electrical		VEC3R0107QG
CELL in Module	Rated voltage	3.0 V
	Rated Capacitance	100F (-10, +30%)
	Maximum ESR _{AC} initial	6 mΩ
	Maximum ESR _{DC} initial	10 mΩ
	Max Current	75A
	Weight	20 g
	Size (D x L)	22mm x 45 mm
Electrical		VEM60R0505QG-P-01
Module	Maximum Rated voltage	60 V
	Working Voltage	Max. 54V (2.7V/1CELL)
	Rated Capacitance	5F
	Maximum ESR _{AC} initial	130 mΩ
	Maximum ESR _{DC} initial	210 mΩ
	Max Current (1 second)	40A
	Assembly	3V 100F 20S 1P
	PASSIVE Balancing	1KΩ @ Bypass current : max 3mA
	CELL Monitoring	OV, OT Alarm
	POWER & ENERGY	
	Stored Energy (Wh= ½(C x V²))	2.5 Wh
	Operating Range	
	Operating temperature	-40°C ~ 65°C
	Shelf Life	3 Years
		No Electrical Charge, Temperature below 25°C (△c : ≤ 10% of initial value / △ESR : ≤ 50% of specified value)
Mechanical		
Weight	0.8 kg	
Size (L x W x H)	174mm x 74mm x 50.8mm	