



VP-G 189 Ultra-Safe Battery Pack

Power Battery System For EV



High energy density and long cycle life

- + Volumetric energy density: 189Wh/L
- + Exceeding 3000 cycles
- + 1C charge & discharge rate



Adaptable to various applications

- + Wide voltage range for system configuration
- + Standardized pack
- + Multi-stream extension



High reliability and safety

- + Pack with strong shock resistance and impact resistance
- + BMS comply with ISO26262
- + Excellent thermal management technology
- + Ingress Protection Rating: IP68



Fast delivery

- + 4 weeks

SYSTEM TECHNICAL SPECIFICATIONS & CHARACTERISTICS

VP-G 189 Ultra-Safe Li-ion NCM Battery System

PHYSICAL SPECIFICATIONS	CONDITIONS	UNIT	CELL	CONFIGURATION
				1P60S
VOLTAGE				
Nominal		V	3.2	192.00
ENERGY /CAPACITY				
Nominal energy	C/3, BOL, @ 25°C	KWh	0.48	28.80
Nominal capacity	C/3, BOL, @ 25°C	Ah	150	150
POWER				
Continuous power in charge	SOC50%, @25°C	kW	0.48	28.80
Continuous power in discharge			0.48	28.80
Peak power in charge 60s	SOC50%, @25°C	kW	0.96	57.60
Peak power in discharge 60s			1.44	86.40
CURRENT				
Continuous current in charge	SOC50%, @25°C	A	150	150
Continuous current in discharge			150	150
Peak current in charge 60s	SOC50%, @25°C	A	300	300
Peak current in discharge 60s			450	450
ENERGY				
Weight energy density	–	Wh/kg	172	140
Volume energy density	–	Wh/L	370	194
MECHANICAL CHARACTERISTICS				
Weight		kg	2.8	210
Height		mm	207	960
Width		mm	174	630
Thickness		mm	36	245
SOC : State Of Charge BOL : Beginning Of Life				