



52V 105Ah 5kWh

Built with durable **Lithium Iron Phosphate (LiFePO₄) chemistry**, the RS1C1005 delivers over 4000 cycles and comes with a **10-year warranty**. Its compact **480×520×225mm** design fits in any standard **19" rack**, and with an operating range of **0°C to 50°C**, it ensures reliable backup power when it matters most.



Built-in DC circuit breaker enables automatic protection



Touch-proof connections prevent accidental contact



CAN and RS485 interfaces allow smart monitoring and control

CONTACT US



Block C1 , 31 Spier Street,
Glen Marais, 1619



sales@static.co.za
sales@juel.co.za



011 397 5316

R1C1005 Specs

Cell Chemistry	Lithium Iron Phosphate (LiFePO4)
Nominal Voltage	51.2VDC
Operating Voltage	44.8-57.6VDC
Rated Capacity	5.376kWh
Nominal Power	1C
Cycle Life	>4000Cycles
Modules	Up to 16 in Parallel
Ambient Operating Temperature	0-50°C
Storage Duration	6 Months @25°C
Weight	45kg
Dimensions (L xDxH,mm)	480×520×225mm
Communication	RS485 CAN
Safety Features	Integrated DC Circuit Breaker Short Circuit Protection Over Voltage Protection
Warranty	10 years

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