



THE TRUSTED POWER SOURCE

PHOENIX LITHIUM SERIES





LITHIUM-ION

ENERGY STORAGE BATTERY

RLW-5.4-X1

51.2V | 105AH

WALL
SERIES



Proven Reliability

Offers 6000 validated cycles for lasting battery life



High Scalability

Flexible Configuration from 5.37kWh-80kWh



Ultimate Performance

1C Charge/Discharge Capability for demanding loads



Smart BMS

High acquisition accuracy allows for complete control and cell management



Safety

Built-in protection against short-circuits and over charging/discharging



IP65 Design

Offers protection from Dust and Water

DATA SHEET

Model	RLW-5.4-X1
Battery Chemistry	Lithium Iron Phosphate (LiFePO ₄)
Cell String	16S
Nominal Voltage	51.2 V
Battery Capacity	105 Ah
Nominal Energy	5.37 kWh
Usable Energy	4.83 kWh
Operating Voltage Range	44.8 V - 57.6 V
Recommended Charge/Discharge Current	50 A
Max. Charge/Discharge Current	100 A
Dimension (W*D*H)	480*200*633 mm (Exclude mounting bracket)
Weight (Kg)	53 Kg
Expansion	Up to 16 units in parallel
Communication	CAN/RS485
Operating Temperature Range	Charge: 0°C ~ +55°C Discharge: -20°C ~ +60°C
Storage Temperature	-20 ~ +35°C
Humidity	5% ~ 95%
Altitude (m)	<2000
IP Class	IP65

Distributed by BatteryMAX | www.batterymax.pk

PHOENIX
BATTERIES



CENTURY ENGINEERING INDUSTRIES (PVT.) LTD.

Distributed by BatteryMAX | www.batterymax.pk