

SPECIFICATIONS

DINGOBOX DB-SL105

105AH SLIMLINE LITHIUM BATTERY

Nominal Voltage:	12.8V
Nominal Capacity:	105AH
Nominal Energy:	1.34kWh
Recommended Charge Current:	20A – 40A
Max. Charge Current:	120A (1C)
Max. Discharge Current:	120A (1C)
Operating Voltage:	10V – 14.6V
Charging Voltage:	14.2V – 14.4V
Operating Temperature:	Normal use: 0°C – 65°C Storage: 10°C – 35°C
Parallel Connection:	Yes (Via Anderson Plugs)
Series Connection:	No
Max. Inverter Size:	1500W
Cycle Life:	3000 at 90% DOD (Depth of Discharge)
Calendar Life:	~10 Years
Enclosure:	Steel – Beige (Sandy Taupe)
Dimensions	495x250x65mm
Weight:	13.9KG
Mounting Included:	Yes, 4x Removable Brackets (Reversible)
Bolts Included:	Yes, 8x Bracket bolts (M5*8mm)
Battery Cell:	3.2V 105AH Prismatic Lithium Iron Phosphate
Solid-State BMS Protection:	Yes, 120A BMS
Automatic Cell Balancing:	Yes
Bluetooth Connectivity:	Yes
Self-Discharge Rate:	~2% at 25°C Per Month
Warranty:	3 Year
LCD Display:	Volts/Capacity (Indicative only)
Battery Connections:	2x 50A Anderson Plug 1x 120A Anderson Plug 1x 20a Push Reset Fuse 1x Accessory Socket 1x USB-3 1x USB-C