

DIAMOND

2.56kW - 25.6V - 100A

LiFePO4 Battery



DATASHEET



Call
UAN 042 111 111 140

Website
www.fronus.com



DATASHEET

Battery Type - Chemistry	LiFePO4
Nominal Voltage	25.6V
Nominal Capacity	100Ah
Energy Density	2560Wh
Dimensions (LxWxH)	413.5*362.5*162.3(mm)
Weight	24.2KG
Ah Efficiency (Round-trip)	>98%
Max in Parallel	15PCS
Voltage Range	21.6V-29.2V
Recommended Charge Voltage	28.8V
Max Charge Voltage	29.2V
Recommended Charge Current	70A
Max Continuous Charge Current	100A
Recommended Discharge Voltage	22.4V
Max Discharge Voltage	21.6V
Max Continuous Discharge Current	100A
Cycle Life(0.5C, 25°C@80% DOD)	6000 Cycles
Storage Temperature	-20°C to 60°C (Recommended -10°C to 35°C)
Wi-Fi & Bluetooth App (Option)	Yes
Certification	UN38.3/MSDS/CE/IEC
Warranty	5 Years

Compatibility



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