SKANBATT

Datablad for SKANBATT Lithium Professional IP67 12V 200Ah

SKANBATT Lithium Professional IP67 12V 200Ah 200A max.

LiFePO4-batteri med 2,56 kWh nominell energi, IP67-kapsling og varmefunksjon. Maksimal lade- og utladningsstrøm er 200 A ved 25 °C.

Bluetooth, CAN og RS485 gir mulighet for overvåking og kommunikasjon. Batteriet støtter opptil 16 enheter parallelt, eller opptil 4 i serie og 4 parallelt.



Electrical Specifications	
Nominal Voltage	12.8V
Nominal Capacity	200Ah
Nominal Energy	2560Wh @0.2C
Internal resistance	≤30mΩ @1kHz AC
Self-discharge rate	≤3% per month
Maximum modules in series	4
Life Cycles	≥6000 @80% DOD
Chemistry	LiFePO4

Charge Specifications	
Recommended charge current	100A
Maximum charge current	200A @25°C
Recommended charge voltage	14.2-14.6V
Recommended Float Voltage	13.6-13.8V
Normal charge test voltage	14.6V

Discharge Specifications	
Recommended discharge current	100A
Maximum continuous discharge current	200A @25°C
Peak discharge Current	800A @5s
End discharge voltage	11-11.6V
Capacity retention (28 days)	≥95%

Communications	
Bluetooth	Yes - TB Battery
RS485	Yes
CAN	Yes
Parallel and series	Max. 16P / max. 4S4P

Mechanical Specifications	
Dimensions (L x W x H)	485 x 172 x 232.5 mm
Weight	23 ± 1.0 kg
Terminal	M8 bolt / 8-10 Nm
Communication connector	M12-6P
Enclosure protection rate	IP67

Protection / key features	
Short Circuit protection	Yes
End discharge voltage	11-11.6V
Peak / surge current	800A @5s
Heating function	Yes
Sleep mode	Yes
OTA via Bluetooth	Yes
Panel SOC display	Yes

Temperature specifications	
Storage ≤3 months	0°C < T < 30°C
Storage ≤1 month	-10°C < T < 40°C
Recommended storage	15-35°C / 5-75% RH
Charge Temperature	-20°C to 60°C (heater)
Discharge Temperature	-20°C to 60°C

Others	
Operating altitude	<3000m
Short circuit threshold	1200A / 500µs