

SKANBATT

Datasheet PRE12-460BH

Electrical Specifications

Nominal Voltage	12.8V
Nominal Capacity	460Ah
Nominal Energy	5888Wh
Internal Resistance	40mOhm
Self Discharge Rate	<3% pr month
Max. Modules in Parallel/Series	16/4
Life Cycles	>6000
Chemistry	LiFePO4

Mechanical Specifications

Dimensions (L x W x H)	522 x 268 x 218+-2mm
Weight	41 +-0,5kg
Terminal	M8 (10-11Nm)
Case Material	ABS
Enclosure Protection Rate	IP65

Charge Specifications

Rec. Charge Current	<200A
Max. Charge Current	200A
Rec. Charge Voltage	14,2-14,6V
Rec. Float Voltage	13,6-13,8V
High Voltage Disconnect	15V +/-0.1V

Protection Features

Short Circuit Protection	Yes
Low Voltage protection	Yes
High Voltage protection	Yes
Low Temperature protection	Yes
High Temperature protection	Yes
Cell imbalance protection	Yes
Over current protection	Yes

Discharge Specifications

Rec. Discharge Current	<200A
Max. Continuous Discharge Current	200A @25°C
Peak Discharge Current	500A <1@25°C
Short Circuit Protection	640A@300µs
End of Discharge	~11V

Temperature Specifications

Short-term Storage Temperature	-40°C to 60°C
Long-term Storage Temperature	-10°C to 45°C
Rec. Storage Temperature	5°C - 15°C @45%-75% SoC
Charge Temperature	-20°C - 55°C
Discharge Temperature	-20°C - 60°C

Communications

Bluetooth	Yes
Parallel- and Series	Max. 16 i parallel / 4 in series

Others

Installation Method	Dynamic: Upright. Static: Upright or side
Certifications	UL1973, IEC62619, UN38.3, CE