

EB312 Premium Module

short

Technical Data

General Data

Module Manufacturer	SKI		
Country of Manufacturer	Hungary		
Cell Chemistry	NMC811-523 Blrnd		
Type of cell	Pouch		
Cell connection	Series and parallel		
Cell Configuration	16s3p		
Estimated Cycle	@70% DOD at 23°C 0.5C / 0.5C	> 4.000	
Temperature (cell)	for full power	(°C)	+25 to +45
Storage Temperature		(°C)	-30 to +45
Interface	DC	Screw	
	Monitoring: Cell / Temp.	4x 32pol nanoMQS	
Supervision Electronics	BMS	Not included	

Electrical Data

Rating	(100% DOD)	(kWh)	10,9
Recommended DOD		(%)	80
Nominal Capacity		(Ah)	187,5
Discharge Current	Cont. @23°C @50% SoC	(A)	324
	Peak <15 sec @23°C	(A)	850
Charge Current	Cont. @23°C @50% SoC	(A)	180
	Peak <15 sec @23°C	(A)	390
Minimum Voltage		(V)	48
Nominal Voltage		(V)	58
Maximum Voltage		(V)	67

Mechanical Data

Length	(L)	(mm)	642
Width	(B)	(mm)	416 (372 body)
Height	(H)	(mm)	115
Weight		(kg)	53,7

Conditioning of the Modules

Cooling	liquid cooling
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Notes