

EB311 Premium Module

short



Technical Data

General Data

Module Manufacturer			CATL
Country of Manufacturer			China
Cell Chemistry			NMC811
Type of cell			Hardcase
Cell connection			Series and parallel
Cell Configuration			16s2p
Estimated Cycle	@70% DOD at 20°C 0.5C / 0.5C		> 2800
Temperature (cell)	for full power	(°C)	-20 to +45
Storage Temperature		(°C)	-40 to +60
Interface	DC		M5 Screw
	Monitoring: Cell / Temp.		2x 32pol nanoMQS
Supervision Electronics	BMS		Not included

Electrical Data

Rating	(100% DOD)	(kWh)	11,039
Recommended DOD		(%)	80
Nominal Capacity		(Ah)	188
Discharge Current	Cont. @23°C @50% SoC	(A)	273
	Peak <15 sec @23°C	(A)	400
Charge Current	Cont. @23°C @50% SoC	(A)	273
	Peak <15 sec @23°C	(A)	400
Minimum Voltage		(V)	44,8
Nominal Voltage		(V)	58,72
Maximum Voltage		(V)	67,2

Mechanical Data

Length	(L)	(mm)	637,2
Width	(B)	(mm)	372
Height	(H)	(mm)	114,7
Weight		(kg)	52

Conditioning of the Modules

Cooling		liquid cooling
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Notes