

Sodium-ion battery product series

Battery specifications:	
Model	QQ/PN1B-20Ah
Operating Voltage Range (V)	8.0~16.0
Nominal Voltage (V)	12
Nominal Capacity (Ah)	20
Minimum Capacity (Ah)	≥19
Rated Energy (Wh)	240
Maximum Discharge Power @ 3 Seconds (W)	1200
Fast Charge Voltage (V)	14.6
Standby Charge Voltage/Float Charge Voltage (V)	14.2
Standard Charge Current (A)	20
Recommended Charge Current (A)	≤20
Maximum Charge Current (A)	60
Standard Discharge Current (A)	20
Maximum Discharge Current (A)	≤60
Cold Cranking Current (CCA)	480
Internal Resistance (mΩ)	≤10
Charging Temperature (°C)	-20~50
Discharging Temperature (°C)	-40~80
Cycle Life (25°C, 0.5C, 70% DOD)	>3000
Cell Configuration	32140-4S2P
Dust and Water Resistance Rating	IP65
Weight (kg)	Approx.: 5.5
Dimensions (L*W*H, mm)	260*140*190



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