



CYLINDRICAL SODIUM-ION BATTERY CELL



Low cost



Green power



High rate



Wide operating temperature



Excellent cycle life



High safety

Product Parameter

Model	NaCR18650-1.3ER	NaCR21700-2ER	NaCR3370-5ER	NaCR33140-10ER	NaCR46145-20ER
Rated Capacity	1.3Ah	2Ah	5Ah	10Ah	20Ah
Energy Density	110Wh/kg	115Wh/kg	120Wh/kg	120Wh/kg	130Wh/kg
Voltage Range	1.5-4V	1.5-4V	1.5-4V	1.5-4V	1.5-4V
Discharge Rate	6C	8C	8C	8C	8C
Cycle	2000(0.5C@80%)	3000(0.5C@70%)	3000(0.5C@70%)	3000(0.5C@70%)	3000(0.5C@70%)
Technical Characteristics	Capacity Type	Capacity Type	Capacity Type	Capacity Type	Capacity Type
Applications	Consumer Electronics & Back Up	Lead-acid Replacement, Starter & 2 Wheeler & Consumer Electronics	Lead-acid Replacement, Starter & 2 Wheeler & Consumer Electronics	Lead-acid Replacement, Starter & 2 Wheeler & Consumer Electronics	Lead-acid Replacement, Starter & 2 Wheeler & Consumer Electronics

江苏海四达电源有限公司

Jiangsu Highstar Battery Manufacturing Co.,Ltd.

+86-513-80795666 83355867 83348061

www.highstar.com

NO.306 Heping Road(S),Qidong City,Jiangsu,China

sodium@highstar.com





PRISMATIC SODIUM-ION BATTERY CELL



Low cost



Green power



High rate



Wide operating temperature



Excellent cycle life



High safety

Product Parameter

Model	NaCP50160118-70E3	NaCP501601180-70H3	NaCP50160118-80E3	NaCP40130208-80E3	NaCP50160153-103E3
Rated Capacity	70Ah	70Ah	80Ah	80Ah	103Ah
Energy Density	130Wh/kg	130Wh/kg	145Wh/kg	140Wh/kg	150Wh/kg
Voltage Range	1.5-4V	1.5-4V	1.5-4V	1.5-4V	1.5-4V
Discharge Rate	3C	3C	3C	3C	3C
Cycle	3000(0.5C@70%)	1000(2C@70%)	3000(0.5C@70%)	3000(0.5C@70%)	3000(0.5C@70%)
Technical Characteristics	Capacity Type	Rating Type	Long cycle& High capacity	Long cycle& High capacity	Long cycle& High capacity
Applications	Energy Storage	Special Vehicle	Telecommunication station & Back Up	Telecommunication station & Back Up	Telecommunication station & Back Up

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高尔夫球车 钠离子电池系统

Sodium Ion Battery System
For Sightseeing Vehicle



支持6C大倍率持续放电
Support 6C high rate continuous discharge



低压平台放电平稳
Low-voltage platform stable discharge



高低温放电性能突出,支持-40~60°C
Outstanding low and high temperature discharge performance, support -40~60°C



2C快充
2C fast charging

项目 Item

默认参数 Default Parameter

成组方式 Configuration	1P16S
电芯类型 Cell Type	钠离子 Sodium-ion
电芯型号 Cell Model	NaCP50160118-70H3
电芯电压范围 Cell Voltage Range	1.8V~3.95V
系统额定电压 System Nominal Voltage	48.8V
系统额定容量 System Nominal Capacity	70Ah
系统总电量 System Total Energy	3.416KWh
系统总电压范围 System Total Voltage Range	28.8V~63.2V
系统持续充电电流 System Continuous Charge Current	0.5C/35A
系统持续放电电流 System Continuous Discharge Current	0.5C/35A



Sodium ion battery system for Electric forklift

电动叉车钠离子电池系统



支持6C大倍率持续放电

Support 6C high rate continuous discharge



低压平台放电平稳

Low-voltage platform stable discharge



高低温放电性能突出,支持-40~60°C

Outstanding low and high temperature discharge performance, support -40~60°C



2C快充/循环

2C fast charging/cycle

项目 Item

默认参数 Default Parameter

成组方式 Configuration	3P16S
电芯类型 Cell Type	钠离子 Sodium-ion
电芯型号 Cell Model	NaCP50160118-70H3
电芯电压范围 Cell Voltage Range	2.2V~3.9V
系统额定电压 System Nominal Voltage	48.8V
系统额定容量 System Nominal Capacity	70Ah
系统总电量 System Total Energy	10.248KWh
系统总电压范围 System Total Voltage Range	35.2V~62.4V
系统持续充电电流 System Continuous Charge Current	0.5C/35A
系统持续放电电流 System Continuous Discharge Current	0.5C/35A