



NP-WG16

- IP20防护等级，适配多场景使用需求
Ingress Protection(IP)Rating:IP20, suitable for diverse application scenarios
- 充放电循环效率 $\geq 97.5\%$
Charge-discharge cycle efficiency $\geq 97.5\%$
- 高能量密度
High energy density
- 支持10台及以上设备并联扩容
Supports parallel expansion with 10 or more units
- 搭载高性能电池管理系统(BMS)
Equipped with a high-performance Battery Management System (BMS)

低压锂电池 Low Voltage Lithium Battery

型号(Model)	NP-WG16
电池类型(Battery Type)	磷酸铁锂(LiFePO4)
额定电压(V)(Rated voltage)	51.2
额定容量(AH)(Rated Capacity)	314
额定电量(Kwh)(Rated Energy)	16
可用电量(Kwh)(Usable Energy)	14.7
峰值输出功率(KW,3s)(Peak Output Power)	8.192
充放电循环效率(Round-trip Efficiency)	≥97.5%
工作电压范围(V)(Operating Voltage)	44.8-57.6
最大充/放电电流(A)(Max. Charge/Discharge Current)	200/200
通讯接口(Communication)	CAN, RS485
防护等级(Ingress Protection (IP) Rating)	IP20
工作环境温度(°C)(Operating Temperature)	-15-60
散热方式(Type of Cooling)	自然散热 (Natural cooling)
安装方式(Installation)	落地式 (Floor-standing)
循环寿命(Cycle Life)	> 6,000 次 (times)
推荐放电深度(DOD)(Recommended Depth Of Discharge)	90%
外形尺寸(HxwxD)(mm)(Dimensions)	848 x 504 x 250
整机重量(kg)(Weight)	143
工作环境湿度(Humidity)	5% - 95%
适用海拔高度(m)(Altitude)	< 2,000
安全认证(Safety Standards)	CE UN38.3;IEC62619
扩容并联能力(Scalability)	支持10台以上并联 (Support parallel connection of 10+ units)
配套 Ktech 云平台(Ktech Cloud Platform)	支持 (Yes)

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