



POWERHILL (143kWh-215kWh)

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DUNEXT

Model	PowerHill P30 143kWh	PowerHill P30 179kWh	PowerHill P60 143kWh	PowerHill P60 161kWh	PowerHill P60 179kWh	PowerHill P60 215kWh	PowerHill P100 215kWh
Battery							
Cell type	LFP-280Ah						
Pack configuration	IP20S						
Battery capacity	143.36kWh	179.2kWh	143.36kWh	161.2kWh	179.2kWh	215.04kWh	215.04kWh
AC Output							
Connection type	3P4W						
Charging / discharging power(KW)	30			60			100
Rated grid voltage(V)	220/380;230/400						
Frequency (Hz)	50/60						
Rated AC output current (A)	43			86			144
Adjustable power factor range	0.8 (Leading)...0.8 (Lagging)						
Harmonics	≤ 3% (Rated) THD						
Backup output(Off Grid)							
Connection type	3P4W						
Rated output power (KW)	30			60			100
Rated output voltage (V)	220/380;230/400						
Output frequency(Hz)	50/60						
Rated current(A)	43			86			144
Frequency accuracy	0.2Hz						
General Parameters							
Dimensions (W*H*D) (mm)	1900*2100*1330						
Packing size(W*H*D)(mm)	2100*2244*1500						
Weight(Kg)	2500						
Degree of protection	IP55 (Battery Cabinet) IP34 (Electrical Cabinet)						
Cooling method	Battery Cabinet (air conditioner)						
Fire suppression system	FM200 automatic fire extinguishing						
Anti-corrosion grade	C3						
Relative humidity	0-95% (non-condensing)						
Operating temperature*(°C)	-20~50						
Altitude**(m)	< 2000						
Noise level(dB)	≤ 75						
Communication interface	RS485, Ethernet						
Communication protocol	Modbus RTU, Modbus TCP/IP						
PV Side Parameters (Optional)							
Max. PV input power(KW)	30/60			30/60/90/120			
MPPT voltage range(V)	200-850						
Number of MPPTs	1/1			1/1/2/2			
Number of PV inputs	1/1			1/1/2/2			
Maximum input current(A)	100/200			100/200/300/400			
Certification	CE(IEC61000,IEC62619,IEC62477),UN3480,UN38.3,MSDS						
	Converter:UK G99,VDE4105,EN50549						
	Cell:IEC62619,UL1973,UL1642,UL9540A						

[1] The system will be derated when the ambient temperature exceeds 45°C.

[2] The system will be derated when the altitude is above 2000m.

Integrated Outdoor Battery Energy Storage Cabinet

- Plug-and-Play, all-in-one design
- Support solar, generator, wind turbine accessing
- Up to 100% unbalanced loads operation
- Multi grid auxiliary service application
- 4 layers safety design
- Higher availability with modular design & O&M cloud platform