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## DR Hybrid Inverter System

DR-HE5120EP-5KW

All-IN-ONE



### Reliable

Efficient and Reliable



### Safety

Security Guarantee



### Economize

Energy Conservation



### AIO

All-In-One Design

Type	DR-HE5120EP-5kW
<b>Mppt Input</b>	
Max. PV Array Power	6000W
PV Start Up Voltage	160Vdc
PV Array MPPT Voltage Range	160Vdc-450Vdc
Max. PV Array Open Circuit Voltage	480Vdc
PV Input Maximum Current	15A
Isc PV	18.7A
Maximum Charging Current	80A
<b>AC Output Parameter</b>	
Nominal AC Output Power	5000W
Nominal AC Output Voltage	230V~
Nominal AC Output Frequency	50Hz/60Hz
Rated Current	21.7A
UPS Transfer Time	20mS
Peak Efficiency	92%
Output Voltage Waveform	Pure Sine Wave
Overload Protection	10s@≥110% load;
<b>AC Input Parameter</b>	
AC Input Range	100-270V
Ac Maximum Input Current	21.7A
Nominal Input Frequency	50Hz/60 Hz
Max Charging Current	60A
<b>Battery Parameter</b>	
Rated Voltage	51.2V
Max.Charging Current	80A
Max.Discharging Current	120A
Voltage Range	44.8-58.4V
Module Capacity	102Ah
Cycle life	5000 cycles@ 25°C 0.5C 80% DOD
<b>Machine parameter</b>	
Communication Interface	RS232/RS485
Dimensions	855*500*167.5mm
Weight	61±2kg
Class of Protection	IP20
Certification	UN38.3/CE/IEC62619/IEC62109
APP	Wifi, Bluetooth

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