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AI-IN-ONE Off-Grid Inverter System

DR-AIO-05205FL



Reliable

Efficient and Reliable



Safety

Security Guarantee



Economize

Energy Conservation



AIO

All-In-One Design

Type	DR-AIO-05205FL
PV Input	
Maximum PV Voltage	500Vdc
PV Voltage Range	140V-480Vdc
PV Input Power	6000W
PV Maximum Input Current	15A
Maximum Charging Current	50A
Isc PV	18.7A
AC Output Parameter	
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;
AC Input Parameter	
AC Input Range	100-300V
AC Maximum Input Current	26A
Nominal Input Frequency	50Hz/60 Hz
Max Charging Current	50A
Battery Parameter	
Rated Voltage	51.2V
Max.Charging Current	50A
Max.Discharging Current	100A
Voltage Range	44.8-58.4V
Module Capacity	100Ah
Cycle life	5000 cycles@ 25℃ 0.5C 80% DOD
Machine parameter	
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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