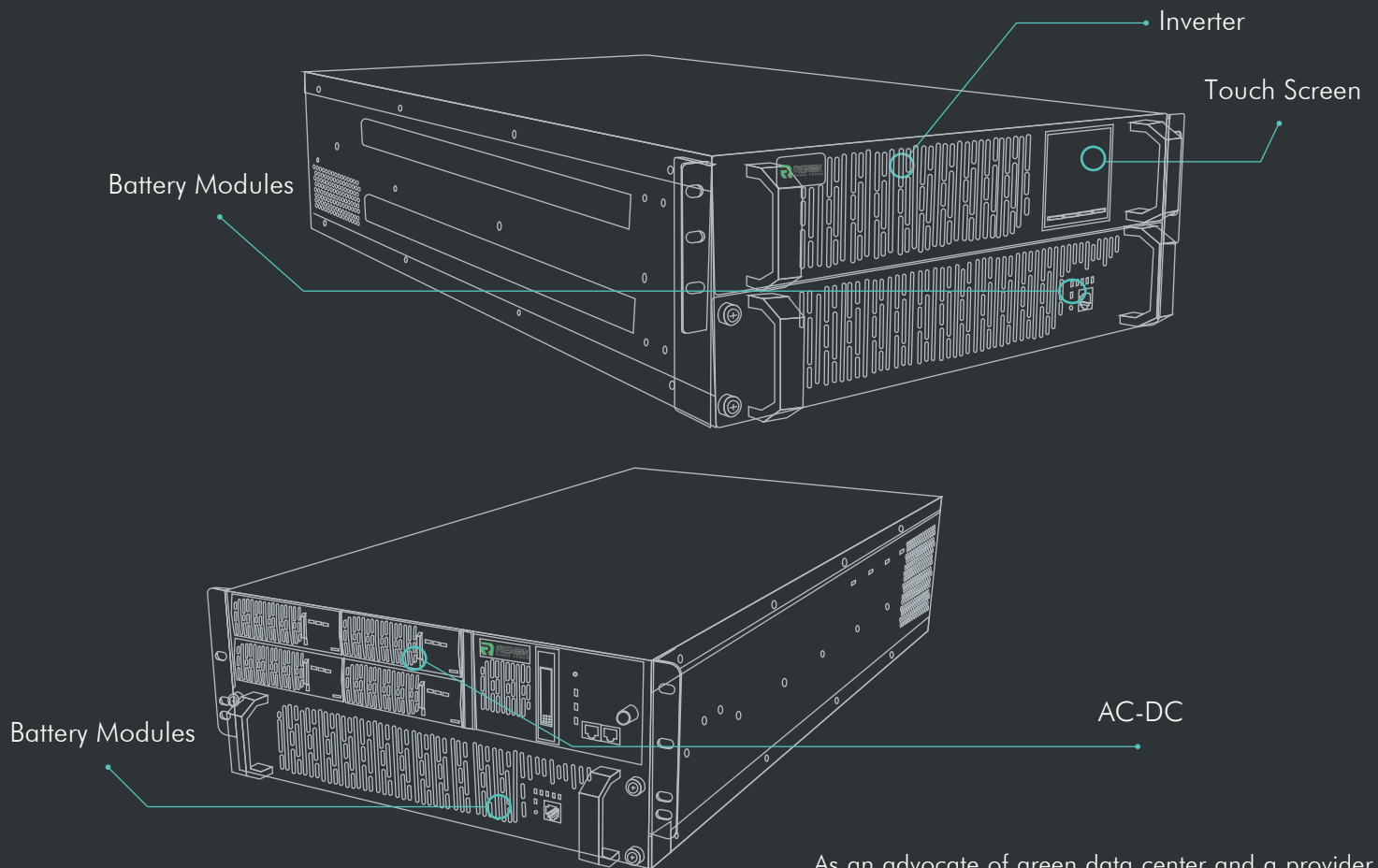


RENON DPS SERIES

Product Specification

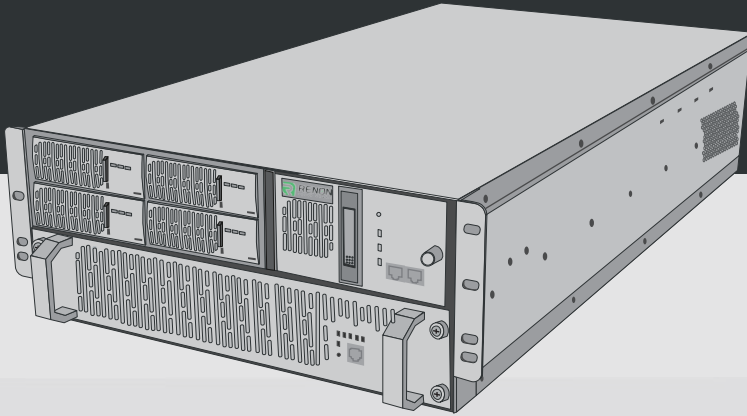
- Lithium iron phosphate high-stability batteries, thermal runaway will not catch fire
- High energy density, saving 70% of floor space, compared with lead acid batteries
- Active current sharing technology to support the mixing of old and new batteries,



As an advocate of green data center and a provider of green IDC solutions, RENON is committed to providing users with stable, efficient and intelligent IDC infrastructure power supply solutions, reducing customers' initial investment, operation costs, and conserve more energy.

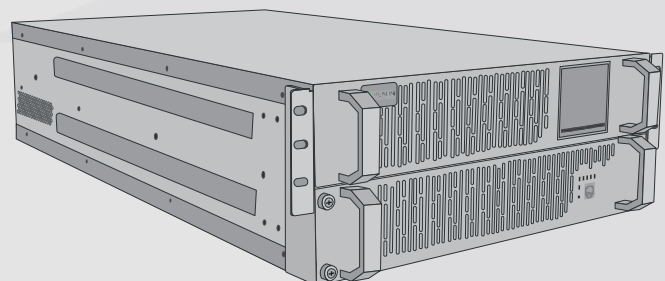
Whether indoors or outdoors, small or large data centers, RENON's modular power system + Intelligent LiFePO₄ battery solutions can meet your needs. Our products are factory prefabricated and fully modular design, which supports rapid deployment, shortens the on-site installation cycle, reduces the installation cost, and enables the user's data center to be fully operational as soon as possible.

RENON DPS SERIES



	DF0930E(F)	DF0950E(F)
Input		
Input Method	L+N+PE	
Rated Voltage	220Vac/220Vdc; 110Vac/110Vdc (Half Load)	
Voltage Range	176~300Vac (Fully loaded); 85~176Vac (Linear derating) 176~420Vdc (Fully loaded); 85~176Vdc (Linear derating)	
Frequency Range	45~65Hz	
Power Factor	≥0.99	
Total Harmonic Distortion (THD)	≤5%	
Input Starting Voltage	≥85Vac OR 115Vdc	
Input Sampling Accuracy	220±5Vac OR Vdc	
Generator	Support generator input	
Output		
Output Method	Positive+Negative+PE	
Rated Voltage	240Vdc	
Rated Output Current	33A	
Peak Noise	≤0.5%	
Stabilization Accuracy	≤0.5%	
Short Circuit	Output current limit work, after the fault is eliminated, it can be automatically restored	
Overcurrent	The module is shut down due to over-current, and it can be automatically restored after the fault is eliminated;	
Overvoltage	Automatic shutdown locks up, after the fault is eliminated, the module is powered on or reset;	
Battery		
Model	230V 10/12/15/18/20/25/30Ah	
Charge Current	1~12A settable	
Charge Voltage	252V	
Environmental Condition		
Working Temperature	0°C~45°C@work normally; 45°C~55°C@ output derating	
Storage Temperature	-40°C~55°C	
Relative Humidity	0~95%	
Altitude	Full load output when ≤2000 meters	
Other		
Noise	<50db (1m distance)	
Communication	RS485/SNMP(optional)	
Dimension (D*W*H/mm)	906*440*132(3U)	910*440*222(5U)
Net Weight (kg)	25	28

	AF0640/AF1040	AF0660/AF1060
Input		
Input Method	L+N+PE	
Rated Voltage	208/220/230/240Vac 110~330Vac	
Conversion Voltage	176~276Vac, 100% Load 176~110Vac, 100%~50% Load Linear Derating 110Vac/300Vac, 50% Load	
Frequency	50/60±6Hz (Default), ±10Hz Serial Port Settable	
Power Factor	≥0.985	
Generator	Support Generator Input	
Output		
Output Method	L+N+PE	
Rated Voltage	208/220/230/240Vac	
Output Accuracy	±1%	
Power Factor	1	
Frequency	Mains electricity mode/Battery mode	
Harmonic	Linear Load≤2%, Nonlinear Load≤5%(PF=0.8)	
Voltage Transient Response	Rated voltage≤10%	
Transient Recovery Time	0ms	
Load Crest Factor	3:1	
Frequency		
The Mains Mode	100% Load≥95%, Max≥95.5%	
Battery Mode	94.5% (Battery voltage240V), Max≥95.5%	
Battery		
Mode	230V 10/12/15/18/20/25/30Ah	
Charge Current	1~12A Settable	
Charge Voltage	252V	
Environmental Condition		
Working Temperature	0~55°C	
Operating Humidity	95% No condensing	
Altitude	<1000m	
Other		
EPO	Equipped	
ECO	Equipped, LCD is settable	
Short Circuit Protection	Equipped	
Noise	<50db (1m distance)	
Communication	RS485/SNMP(optional)	
Smart Card Slot	Multiple monitoring methods (Scalable SNMP,dry connect, mobile phone message, etc.)	
Dimension (W*H*D/mm)	910*440*175.2(4U)	910*440*265(6U)
Net Weight	25	28



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RENON POWER TECHNOLOGY INC.