



ARP series modular UPS (20-800kVA) Three in, three out, modular design

High reliability, fully modular design

UPS power, bypass, and control modules are designed with full redundancy, with no single point of failure and a wide input voltage range, suitable for various harsh power grid environments

Low load efficiency, module intelligent rotation sleep technology with strong load capacity, capable of carrying 100% unbalanced loads

High power density, single machine capacity up to 800kVA, digital module parallel technology, good circulation index

Flexible and reliable battery support solution, supporting lithium and lead-acid batteries

	model	ARP-600K
	Rated power of module	50K
	Number of installable modules	12
Input	Rated voltage	380/ 400/415VAC
	frequency range	40-70Hz
	Power Factor	≥0.99
Ouput	Rated voltage	380/400/415VAC
	rated frequency	50/60Hz
	frequency range	±0.1%
	Power Factor	1
	overload capacity	110%:60min; 125%:10min; 150%: 60s
	THDv	≤ 2% (linear load); ≤ 3% (non-linear load)
	efficiency	96.50%
DC voltage	Rated voltage	Default ± 240VDC (adjustable for even numbered batteries of 30-50)
	Maximum charging current of module	20A
mechanical properties	Operating Environment	0~40℃; 0~95% relative humidity (no condensation)
	Module Size(W×D×H)mm	440×620×131(3U)
	Net weight of module (kg)	33
	cabinet dimensions (W×D× H)mm	1200×850×2000
	Net weight of cabinet kg	450
	Protection level	IP20
	Communication	RS485 (optional SNMP, LBS, etc.)
	Performance Standard	YD/T 2165-2017



AES-UH SERIES LITHIUM BATTERY SYSTEM FOR MEDIUM AND HIGH POWER UPS(IDC POWER SUPPLY)

Main Features

The system is equipped with highly stable LFP cells, built-in three-level BMS management system, and real-time online monitoring and fault location, ensuring comprehensive system security at all levels.

Fire protection from the pack level (optional cabinet-level protection), accurate and rapid fire extinguishing to prevent the spread of the fire.

Full range of models and specifications, flexible adaptation, can be used with the mainstream brands of UPS, supporting the replacement of lead-acid batteries.

Up to 12C discharge rate to meet the demand of high power UPS with short backup time requirement.

Adaptive & dynamic SOC estimation technology and life-cycle SOH management to improve O&M efficiency and reduce O&M costs.

Application Fields

It meets the backup power requirements of high-power UPS in the government, finance, power, transportation, communication, medical, education, and Internet industries.

Model	AES-051100
Rated Capacity (Ah)	50
Cell Type	Lithium iron phosphate battery(LFP)
Rated output voltage (V)	± 256
Discharge rate ©	12C
Charge rate ©	1C
Cycle Life	5000 cycles @50% Discharge depth
Communication Interface	CAN/RS485/Dry contact
Protective Function	Overcharge, Over discharge, Over temperature, Overcurrent, Short circuit, etc
Operating Temperature	0°C ~ 40°C(Recommended to operate at 20 ~ 25 °C)
Color	RAL9004
Size W×D×H (mm)	600×850×2000
Self-discharge rate	<3%(ambient temperature 0-30°C/30 days)