



Hot / Cold Aisle Containment

La serie de Pasillo Caliente/Frío de APD es un desarrollo pensando en el ahorro de energía para medianos y grandes despliegues de centros de datos.

Características principales

- ✔ Diseño Modular
- ✔ Flexible Configuración
- ✔ Seguridad Fiable

Hot / Cold Aisle Containment Parámetros Técnicos

MODEL	HIP3301S/H	HIP33015S/H	HIP3302S/H	HIP3303S/H	HIP3304H	HIP3306H	HIP3308H
Capacity (VA/Watts)	10k / 8k	15k / 12k	20k / 16k	30k / 24k	40k / 32k	60k / 48k	80k / 64k
INPUT							
Nominal voltage	380/400/415Vac, (3Ph+N+PE)						
Operating voltage range	208~478Vac						
Operating frequency range	40~70Hz						
Power factor	≥0.99						
Harmonic distortion (THDi)	2%(100% nonlinear load)						
Bypass voltage range	Max.voltage: 220V +25%(optional +10%,+15%,+20%) 230V 20% (optional +10%,+15%) 240V 15%(optional +10%) Min. voltage: -45% (optional -20%,-30%) Frequency protection range: ± 10%						
Generator input	Support						
OUTPUT							
Output voltage	380/400/415Vac, (3Ph+N+PE)						
Voltage regulation	± 1%						
Power factor	0.8/0.9(Customized)						
Output frequency	1.Line Mode: ± 1%/ ± 2%/ ± 4%/ ± 5%/ ± 10% of the rated frequency(optional) 2.Battery Mode: (50/60 ± 0.2%)Hz						
Crest factor	3:1						
Harmonic distortion (THDv)	≤2% with linear load ≤5% with non linear load						
Efficiency	94.5%			95%			
BATTERY							
Battery voltage	Standard unit: ± 216Vdc; Long run unit Optional Voltage: ± 192V ± 204V ± 216V ± 228V ± 240Vdc						
Battery type	12V/38Ah (standard unit)						
Charge Current(A) (charge current can be set according to battery capacity installed)	5.7A (Max./Standard unit) 6.0A (Max./Long run unit)			12A (Max.)		18A (Max.)	
SYSTEM FEATURES							
Transfer time	Utility to Battery : 0ms; Utility to bypass: 0ms						
Overload	Line Mode	Load ≤ 110%: last 60min, ≤ 125%: last 10min, ≤ 150%: last 1min, ≥ 150% turn to bypass mode immediately					
	Bat. Mode	Load ≤ 110%: last 10min, ≤ 125%: last 1min, ≤ 150%: last 5S, ≥ 150% shut down UPS immediately					
Short Circuit	Hold Whole System						
Overheat	Line Mode: Switch to Bypass; Backup Mode: Shut down UPS immediately						
Low battery voltage	Alarm and Switch off						
Self-diagnostics	Upon Power On and Software Control						
EPO (optional)	Shut down UPS immediately						
Battery	Advanced Battery Management						
Nose Suppression	Complies with EN62040-2						
Audible & Visual	Line Failure, Battery Low, Overload, System Fault						
Status LED & LCD display	Line Mode, Bypass Mode, Battery Low, Battery Bad, Overload & UPS Fault						
Reading on the LCD display	Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage, Battery Voltage & Inner Temperature						
Communication interface	RS232,RS485,Parallel,Intelligent slot,Relay card(optional),SNMP card(optional)						
ENVIRONMENTAL							
Operating temperature	0 ~ 40°C						
Storage temperature	-25 ~ 55°C						
Humidity range	0 ~ 95% (non condensing)						
Altitude	< 1500m						
Noise level	< 55dB						
PHYSICAL							
Dimension D × W × H (mm)	780 × 600 × 1200						
Net weight (kg)	S:598	S:600	S:602	S:603	170	172	199
	H:129	H:131	H:133	H:134			
STANDARDS							
Safety	IEC/EN62040-1,IEC/EN60950-1						
EMC	IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8						

Specifications are subject to change without prior notice.