

ATPRML-120/15

Rack-Mounted Modular Online UPS
(15–120 KW)



The ATPRML-120/15 Series Rack Mounted Modular UPS is scalable, hot-swappable, online double conversion. The power capacity is from 15 to 120kVA/kW, it's the ideal choice for modern data center. With the latest IGBT three-level and full DSP control technology, the new ATPRML series delivers the best combination of reliability and flexibility.

Application

IDC (Internet Data Center), network servers and workstation, controlsystem, communication system, office, PC etc.

Features

- **High Power Density**
15kVA power module in 2U height, saving great amount of space, easy for capacityexpansion.
- **Battery Cold Start**
UPS can be powered on from the battery without utility.
- **Friendly Interface**
Touch LCD display with abundant information.
- **Rack Modular Design**
Module design, compatible with 19" standard rack cabinet, convenient to be integratedwith servers.



Specifications

MODEL			ATPRML 090/15C	ATPRML 120/15C
System Capacity			90kVA	120kVA
Power Module Capacity			15kVA/15kW	
Input	Dual Input		Optional	Standard
	Phase		3 Phase + Neutral + Ground, 200V/208V/220V(line-line)	
	Rate input Voltage		200/208/220Vac (line-line)	
	Input Voltage Range		187~260Vac (line-line),full load; 125~187Vac (line-line),load decreases linearly according to the min phase voltage	
	Rate Frequency		50/60Hz	
	Input Frequency Range		40Hz~70Hz	
	Input PF		>0.99	
	Input THDi		<3% (100% Linear load)	
Bypass	Rate Voltage		200/208/220Vac (line-line)	
	Rate Frequency		50/60Hz	
	Input Voltage Range		Settable, -40%~+25%	
	Bypass Frequency Range		Settable, ± 1 Hz, ± 3 Hz, ± 5 Hz	
	Bypass Overload		110% long term operation; 125% for 5 mins ;150% for 1 min; >150% for 1s	
Output	Rate output Voltage		200/208/220Vac (line-line)	
	Voltage Regulation		± 1 (0~100% linear load)	
	Rate Frequency		50/60Hz	
	Frequency Precision		0.1%	
	Output PF		1	
	Output THDu		<1%, Linear load; <6%, Non-linear load	
	Crest Factor		3:1	
	Inverter Overload		110% for 1 hour; 125% for 10 mins ;150% for 1 min; >150% for 200 ms	
VRLA Battery	Voltage VRLA		± 120 Vdc	
	Battery Number		20pcs	
	Voltage Precision		± 1 %	
	Charge Power		up to 20% * Output active power	
	Battery Cold Start		Standard	
System	Efficiency	AC Mode	94.0%	
		ECO Mode	98.0%	
		Battery Mode	93.5%	
	Display		7.0" color touch screen LCD + LED + keyboard	
	IP Class		IP20	
	Interface		RS232, RS485, Programmable Dry Contact	
	Option		PDU for RML090/15C, SNMP Card, Parallel kit, SPD, LBS	
	Temperature		Operation: 0~40 °C Storage: -40~70 °C	
	Relative humidity		0~95% Non-condensing	
	Altitude		<1000m. Within 1000m to 2000m, 1% power derating for every 100m rise	
Physical	Weight (kg)	Cabinet	140	160
		Module	18	
	Dimension W*D*H (mm)	Cabinet	482*916*931	482*916*1550
		Module	436*677*85	
	Applicable Standards		Safety: IEC/EN 62040-1 EMC: IEC/EN 62040-2 Performance: IEC/EN 62040-3	

