

# PLUTON Series

30~150kVA Modular UPS  
Internal 7/9Ah modular battery strips



## Power range

30~150kVA

## Operation

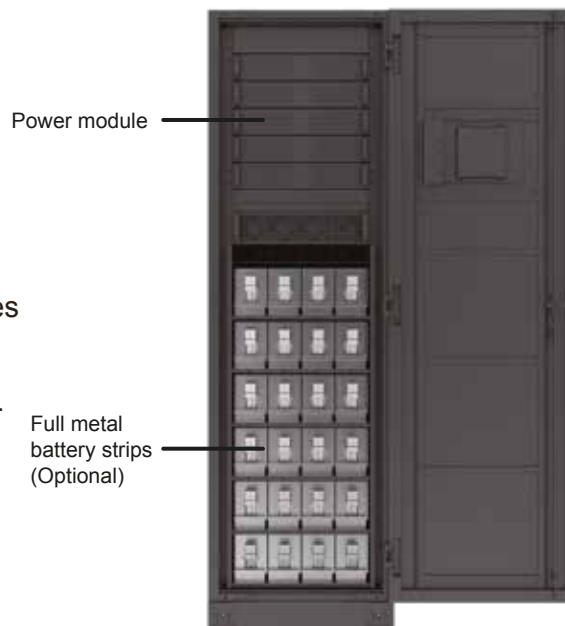
3P/3P, Online double conversion

## Applications

Government, Finance, IT, Education, Transportation, Broadcasting, Medical, Energy, etc.

## Characteristics

- 10 inch touch LCD with IoT functions.
- High power density, small volume.
- High reliability and environment adaptability.
- Optional full metal battery strips, with internal batteries capable of configuring up to 24 battery module strips.
- Standard configuration for mains input/output, maintenance bypass, battery breaker.



Model	AC090B/30-240	AC150B/30-240	
Rate Power	90kVA	150kVA	
Main input	Input	3P5W (3P+N+PE)	
	Rate Voltage	380/400/415VAC(L-L); 220/230/240VAC(L-N)	
	Rate Freq.	50/60Hz	
	Input PF	>0.99	
	Current distortion	THDi<3% ( 100% Linear load )	
	Voltage range	304 ~ 478VAC(L-L)full load; 304 ~ 228VAC (L-L) power derate from 100% to 75%	
	Freq. range	40-70Hz	
Battery	Rate voltage	±240VDC	
	Model	UPS with internal batteries, 12VDC/7~9Ah	
	Quantity	240PCS	
	Charging capacity	20%*Pout	
	Charging accuracy	±1%	
Bypass	Rate voltage	380/400/415VAC(L-L)220/230/240VAC(L-N)	
	Voltage range	Range: -40%- +25% , Settable, default -20% ~ +15%	
	Frequency range	50/60Hz, Settable: ±1Hz, ±3Hz, ±5Hz	
Inverter	Rate voltage	380/400/415VAC(L-L); 220/230/240VAC(L-N)	
	Rate Freq.	50/60Hz	
	Output PF	1	
	Voltage accuracy	±1.0%	
	Load response	<5% (20% - 80% -20% step load)	
	Recovery time	< 20ms (0% - 100% -0% step load)	
	Output THDu	<1% ( linear load ) , <5% ( non-linear load according to IEC 62040-3 )	
	Overload	110%,1 hour; 125%,10 mins; 150%,1 min; >150%,200ms	
	Frequency accuracy	0.1%	
	Synchronize window	Settable, ±0.5Hz±5Hz, default ±3Hz	
	Slew rate	Settable, 0.5Hz/S-3Hz/S, default 0.5Hz/S	
	Crest factor	3:1	
	Phase Accuracy	120°±0.5°	
	System	Efficiency	Normal Mode up to 96%; Battery Mode up to 96%
		Display	LED + 10 inch touch LCD
Certification- Safety		IEC62040-1, IEC60950-1	
Certification- EMS		IEC62040-2; IEC61000-4-2(ESD); IEC61000-4-3(RS); IEC61000-4-4 (EFT); IEC61000-4-5 (Surge)	
IP degree		IP20	
Configuration		USB, RS232, RS485, Dry contact, Air filter	
Option		SNMP card, AS400 card, Parallel kit, LBS, Cold start	
Environment		0-40°C ( operation ) ; -25°C~70°C ( storage ) ; 0-95% (Humidity, non-condensing )	
Dimension	Cabinet (W*D*H) mm	600*1000*2000	
	Module(W*D*H) mm	440*678*86(2U)	
Weight(kg)	Cabinet(No include batteries)	260	
	Module	23	
Power module rated capacity	30KW		

Statement: The products will continue to be innovative and optimized, which may lead to asynchronous updates of the actual product and promotional materials. Therefore, this document is for reference only and does not constitute any offer or commitment.