INVERTRONS

RM300/30X Series Modular Online UPS

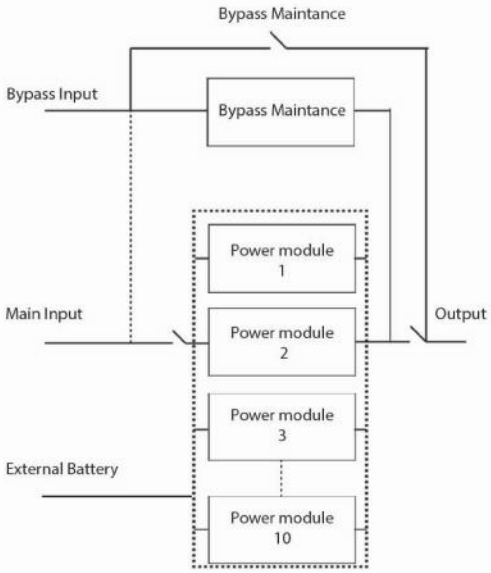
25-900KVA (380V/400V/415V)
15-600KVA (200V/208V/220V)



Description

RM300/30X Modular UPS provides the most compact footprint of less than 2m² with maximum capacity of 900 KVA. With best reliability and high performance, it has been leading the domestic market for years. RM300/30X is considered to be the best power protection solution for large data centers, as well as for sensitive and critical loads.

High power density with footprint less than 2m2 up to 900KVA in parallel, 30KVA power modue with only 3U height



Features

Green and energy saving:
AC/AC efficiency>95%, input PF>0.99 while input THDi<3%

Full DSP control of high stability, reliability and safety

Smart Sleeping mode for energy saving
and prolong the lifetime of the system

Battery cold start,
UPS can be powered on from the battery without utility

Independent LCD display for each power module
with self-starting function.

Programmable dry contact,
the function of each port can be defined by user

Friendly human machine interface with touch screen of 10.4 inches

Configuration

SPESIFICATION

Model	RM300/30X	RM180/30X	RML200/20X	RML120/20X
	RM250/25X	RM150/25X	RML150/15X	RML90/15X
Capacity	25-900KVA		15-600 KVA	
Power Model Type	PM30X/PM25X		PML20X/PML15X	

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Model		RM300/30X RM250/25X	RM180/30X RM150/25X	RML200/20X RML150/15X	RML120/20X RML90/15X
Capacity		25-900KVA		15-600 KVA	
Power Model Type		PM30X/PM25X		PML20X/PML15X	
Input					
Phase		3 Phases + neutral + Ground			
Voltage		380V/400V/415V (Line to Line)		200V/208V/220V (Line to Line)	
Frequency		50/60Hz			
Power Factor		>0.99			
THDi		THDi<3% @100% Linear load			
Voltage Range		304-478Vac (Line-Line), full load 228-304Vac (Line-line), load decreases linearly according to the main phase voltage		166-261Vac (Line-Line), full load 125-166Vac (Line-line), load decreases linearly according to the main phase voltage	
Frequency Range		40Hz ~ 70Hz			
Output					
Voltage		380V/400V/415V (Line to Line)		200V/208V/220V (Line to Line)	
Voltage Regulation		1.50%			
THDu		THD<1%(Linear load), THD<6%(Non linear load)			
Power Factor		0.9		0.8	
Crest Factor		3:1			
Overload Capacity		110% for 1 hour; 125% for 10 minutes; 150% for 1 minutes; >150% for 200ms			
Battery					
Voltage		±240VDC		±120VDC	
Charge Power		20%System Power			
Charge Voltage Precicion		±1%			
System					
System Efficiency		Normal mode:95%;ECO mode:99%; Battery mode:95%		Normal mode:93%;ECO mode:98%; Battery mode:93%	
Display		10.4 " LCD+LED. Touch Screen + Keyboard			
IP Class		IP20			
Interface (Communication Port)		Standard : RS232, RS485,Dry contacts, USD; Optional: SNMP, Expansion dry contact card			
Installation/Connection		Top or bottom cable connection			
Operation/Storage Temperature		0~40°C/-25~70°C			
Relative Humidity		0~95%(non-condensing)			
Noise		65dB@100% Load, 62dB@45% load (1 meter away)			
Physical					
Net Weight	Cabinet	10-Slot Cabinet:220Kg	6-Slot Cabinet:165Kg	10-Slot Cabinet:220Kg	6-Slot Cabinet:165Kg
	Power Module	PM30X:34Kg; PM25X:32Kg		PML20X:34Kg; PML15X: 32Kg	
Dimension (WxDxH) mm	Cabinet	10-Slot Cabinet : 600X1100X2000	6-Slot Cabinet : 600X1100X1600	10-Slot Cabinet : 600X1100X2000	6-Slot Cabinet : 600X1100X1600
	Power Module	PM30X/PM25X;460X790X134		PM20X/PM15X;460X790X134	

Invertrons Power reserve the right to make changes in specifications without notice or liability, all information is considered accurate at time of publishing.

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