

Key Features

- ◆ Power Module 50K Rack Module UPS 300K/350K/400K/500K
- ◆ High efficiency over 94.5% at 50% load, Output Power Factor 1 technology
- ◆ DSP control, online double conversion, Integrated modular and parallel technology
- ◆ High scalability, Single rack expanding 300KVA to 500KVA.
- ◆ N+1 or N+X redundancy in the same rack, supports 1+1 cabinet parallel operation.
- ◆ Built-in maintenance bypass, praevia all panel control and connectors
- ◆ Highly reliable operation with redundant power supply in STS
- ◆ High overload Capacity, 60mins@110%, 10Mins@125% , 1mins@150%
- ◆ 32 to 40PCS adjustable Battery numbers
- ◆ Adiustable charging current, Max 12A



Technical Specifications

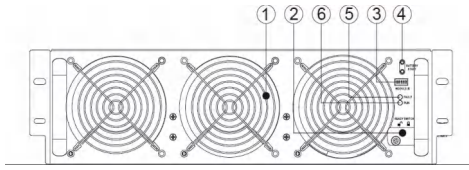
MODEL	RM300/50XS-RYY	RM300/50X-RYY	RM350/50X-RYY	RM400/50X-RYY	RM500/50X-RYY
PHASE	3-phase in/3-phase out				
CABINET CAPACITY*	300KW	300KW	350KW	400KW	500KW
BATTERY TYPE	External Battery				
One Power Module Capacity	50KVA/50KW				
Max. Power Module No.	6	6	7	8	10
INPUT					
Nominal Voltage	380VAC/400VAC/415VAC (3Ph+N)				
Voltage Range	305 ~ 478 VAC at 70% - 100% load; 208 ~ 478VAC for <70% load				
Nominal Frequency	50/60Hz (Auto sensing)				
Frequency Range	40Hz ~70Hz				
Power Factor	> 0.99 at 100% load, >0.98 at 50% load				
Harmonic Distortion (THDi)	< 4% @ 100% load				
OUTPUT					
Nominal Voltage	380VAC/400VAC/415VAC (3Ph+N)				
Voltage Regulation (Steady State)	≤± 1% Typical (balanced load) ≤± 2% Typical (unbalanced load)				
Nominal Frequency	50/60Hz				
Frequency Range (Synchronized Range)	46Hz ~ 54Hz or 56Hz ~ 64Hz				
Overload Capability	110% for 1 hour ,125% for 10 mins ,150% for 1 min and 200ms if >150%				
Harmonic Distortion	≤ 2% THD (Linear Load) ≤ 4% THD (Non-linear Load)				
Efficiency	Up to 95.5%				
BATTERY / CHARGER					
Nominal Voltage	+/- 192V~+/- 240V (Selectable)				
Maximum Voltage	+/- 240V (12V x 40 Pcs)				
Minimum Voltage	+/- 192V (12V x 32 Pcs)				
Floating Charge Voltage	2.28V/Cell (2.25~2.33 Selectable)				
Boost Charging Voltage	2.35V/Cell				
Temperature Compensation	Yes				
Maximum Charging Current (Per Power Module)	12A				
PHYSICAL					
Cabinet Dimension (D x W x H) mm	850 x 600 x 2000	1065 x 600 x 2010	1065 x 600 x 2010	1065 x 1000 x 2010	1065 x 1000 x 2010
Net Weight (kgs)	490	545	654	932	1020
ENVIRONMENT					
Operation Temperature	0 ~ 40°C				
Relative Humidity	0 ~ 95% non-condensing				
Altitude*	<1000m for Nominal power				
IP Class	IP 20				
MANAGEMENT					
RS-232/USB	Supports Windows 2000/2003/XP/Vista/2008/7, Linux and MAC				
Optional SNMP	Power management from SNMP manager and web browser				
STANDARDS					
Safety	IEC/EN 60950-1; IEC/EN 62040-1				
EMC	IEC/EN 62040-2 Category C3				

Quality products start with quality people

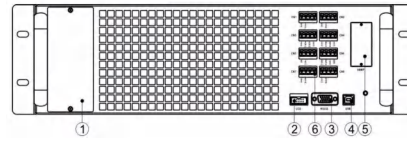
[Http:// www.kemapower.com](http://www.kemapower.com)

*If the UPS is installed or used in a place where the altitude is above than 1000m, the output power must be derated one percent per 100m.

Model	Description	Dimension DxWxH(mm)	Weight (kg)
PM-50	3P/3P 50KVA50KW power module	750 x 438 x 130 (3U)	44
PM-50(S)	3P/3P 50KVA50KW power module in depth of 650 mm	650 x 438 x 130 (3U)	36



PM50

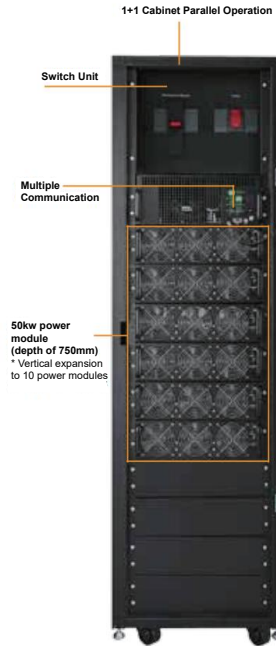


- 1. Extra Comm. Slot
- 2. LCD Port
- 3. RS232 port
- 4. USB port
- 5. SNMP Slot
- 6. Dry contact ports

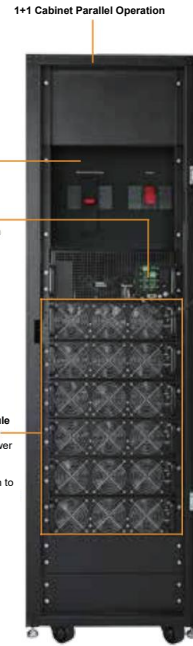
STS MODULE



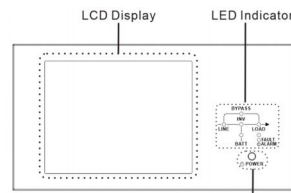
42U Cabinet front



42U regular cabinet (depth of 1065mm)



42U short cabinet (depth of 850mm)



Control Panel

Robust and proven design for industrial equipment

UPS	Industrial Load	Model	Nominal power /per unit	Quantity	Result
APLUS 300K	Stamping Machine	DPA-45	14.8KW	2	UPS normal operation with102% industrial load
		650 x 438 x 130	22KW	4	
		DPA-80H	44KW	2	
		DPA-110V	44KW	1	
		DPA-160V	60KW	1	
		DPC-200V	74KW	2	
		CTP-45	7.5HP(5.6KW)	2	
		CT2-110	15HP(11.2KW)	1	
		CTP-160	20HP(15KW)	2	
	CT2-200	25HP(18.6KW)	3		
	Digital stamping machine	HPE-3048	50KVA	9	UPS normal operation with102% industrial load
	Injection machine	D130	25KW	1	
		EM260	43.3KW	1	
		EM400	56.6KW	1	
D350		62KW	1		
Laser cutter	D400	69KW	7	UPS normal operation with102% industrial load	
	MPS-XIIC	18KVA	1		
		HLE-1530	40KW	4	UPS normal operation with102% industrial load