

SPECIFICATION OF RACK

MODEL	PS12R4MU17		
PHASE	1 Phase In / 1 Phase Out	3 Phase In / 1 Phase Out	3 Phase In / 3 Phase Out
Rating (kVA) Maximum	48	48	48
Max. Power Module No.	4, Module		
Dimension WxDxH (mm)	858x443x840 (WxDxH mm) (17U usable space)		
Weight (Kg)	71.5 Kgs		
LCD Display	7inch		

SPECIFICATION OF MODULE

MODEL	PS121104	PS121106	PS121110	PS1112	PS123104	PS123106	PS123110	PS123112	PS123304	PS123306	PS123310	PS123312
PHASE	1 Phase In / 1 Phase Out				3 Phase In / 1 Phase Out				3 Phase In / 3 Phase Out			
CAPACITY (KVA)	04	06	10	12	04	06	10	12	04	06	10	12
PARALLEL CAPABILITY	Yes, 4 Module											

INPUT	
Nominal Voltage	220V / 230V / 240V AC (1Ph+N+PE) / 380V / 400V / 415V AC (3Ph+N+PE)
Voltage Range	110V~300V AC Load Dependent / 190V~520V AC Load Dependent
Frequency Range	50~60Hz ± 20% (Auto Sensing)
Power Factor	≥ 0.99
THDi	< 3% @ Linear Load, < 4% non- Linear Load

OUTPUT	
Output Voltage, Regulation	220V / 230V / 240V AC (L+N) ± 1% / 380V / 400V / 15V AC (3Ph+N)
Power Factor	1.0 for 4/6/10kVA module, 0.9 for 12kVA module
Frequency Range	Auto Sensing 50 / 60 Hz ± 1~10% Sync Mode (Configurable), 50 / 60 Hz ± 0.1Hz Battery Mode
Crest Factor	3:1 (max.)
Harmonic Distortion	≤ 2 % THD (Linear Load); ≤ 5 % THD (Non-linear Load)
Transfer Time	Zero
Waveform	Pure Sinewave
Over Load	≤ 125% for 10 min., ≤ 150% for 1 min., > 150% for 200 ms
Efficiency	Up to 95% Dual Conversion Mode, 99% ECO Mode

BATTERY CHARGER	
Nominal Voltage	± 192V (12V x 32 pcs)
Battery Quantity	32 ~ 40
Typical Recharge Time	8 hours to 90% capacity
Charger Current	4A

Rack with UPS	
IP Protection	IP 20
Alarm / Protection	Short Circuit, Input Under/Over Voltage, Over Temperature, Over Current, Over Load, DC Bus Under/Over Voltage and Battery Low
LED / LCD Display	UPS status, Load % / VA / W, Battery level, Input/Output voltage, Discharge timer, and Fault Code
Display	7 inch LCD Display on rack, 4 inch LCD on each module

STANDARDS	
Quality	ISO 9001, ISO 14001, OHSAS 18001, ISO 27001, RoHS
Safety	IEC/EN62040-1
EMC/ Performance	IEC/EN62040-2; IEC/EN62040-3, Complying to CE

PHYSICAL	
UPS Module	Dimension: 615x418x132 (WxDxH mm) (3U) Weight: 22 Kgs

ENVIRONMENT	
Temperature	Operating: 0 ~ 45°C, Storage: -10 ~ 55°C
Humidity / Altitude	0-95% RH Non-condensing / <1500 m
Noise	Low Audible Noise Level

COMMUNICATION	
Standard	RS-232
Optional	SNMP / ModBus / Dry Contact / USB / RS-485
Monitoring Software	NetAgent Utility v5.8 / View Power / UPSilon 2000 / Muser 4000

*Specifications are subject to change without prior notice.

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