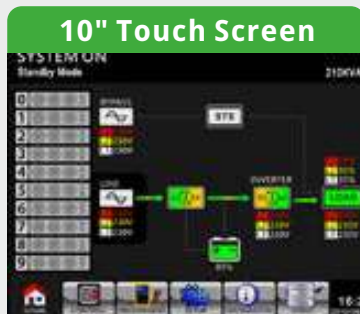


# PS 40 Series

16~400kVA  
(380V/400V/415V)  
3:3 Phase

## Applications:

For all kind of ADP Machines



PS 40 series is modular True online UPS for sensitive equipments. The single cabinet power rating covers from 16kVA to 400kVA with the latest 3Level IGBT, DSP control technology.

The PS series delivers the best combination of reliability, hot-swappable and flexibility. The PS 40 series modular UPS provides the most compact footprint with maximum capacity upto 1200kVA.

PS 40 series is considered to be the best power protection solution for large data centres, as well as for PC & server, storage and Telecom Network equipments.

## Features:

- ◆ Double conversion Online Topology, hot-swappable UPS
- ◆ 3-Level IGBT based Rectifier & Inverter
- ◆ Customized system with (3/4/6/8/10) slot options
- ◆ Power Modules (16/20/25/30/32/40kVA)
- ◆ Parallel operation with common battery
- ◆ Flexible battery configuration (32~40 nos.)
- ◆ Input Power Factor  $\geq 0.99$
- ◆ Efficiency 96.8%, ECO mode up to 99%
- ◆ ECO mode operation for energy saving
- ◆ 10 inch colour touch screen display
- ◆ Paralleling up to 6 cabinets
- ◆ LED display on each Module



Power Module 16/20/25/30/32/40kVA



120kVA 3x40kVA



## SPECIFICATION OF RACK

MODEL	PS40R3MU15	PS40R4MU30	PS40R6MU30	PS40R8MU42	PS40R10MU42
Rating (kVA)	Module Capacity x 3	Module Capacity x 4	Module Capacity x 6	Module Capacity x 8	Module Capacity x 10
Max. Power Module No.	3	4	6	8	10
Dimension WxDxH (mm)	515x1000x763	600x1100x1475		600x1100x2000	
Weight (Kg)	184	335	438	549	620
Bypass	Feature	Hot-Swappable Inbuilt Static Bypass Module; Inbuilt Maintenance Bypass Switch			
	Voltage	Max. Voltage: + 15% (Optional + 5%, + 10%, + 25%)			
	Frequency	± 1Hz, ± 3Hz, ± 5Hz			
Monitoring	5.7" Touch Screen Display + Keyboard		10" Touch Screen Display + Keyboard		

## SPECIFICATION OF MODULE

MODEL	PS40M3316	PS40M3320	PS40M3325	PS40M3330	PS40M3332	PS40M3340
Rating (kVA)	16	20	25	30	32	40
Dimension WxDxH (mm)	440x650x132(3U)					
Weight (Kg)	34					
<b>INPUT</b>						
Nominal Voltage	380V / 400V / 415V AC (3Ph+N+PE)					
Operating Voltage Range	228V ~ 480V AC Load Dependent					
Operating Frequency Range	40Hz ~ 70Hz, Auto Sensing					
Power Factor	≥ 0.99					
Harmonic Distortion (THDi)	≤3%					
Generator Input / Walking	Support / 0~40 Sec ( Configurable)					
<b>OUTPUT</b>						
Output Voltage, Regulation	380V / 400V / 415V AC (3Ph+N+PE) ± 1%					
Power Factor	1.0 Up to 32kVA module, 0.9 for 40kVA module					
Frequency	Auto Sensing 50 / 60 Hz ± 1~10% Sync Mode (Configurable), 50/60 Hz ± 0.1 Hz Battery Mode					
Crest Factor	3:1					
Harmonic Distortion (THDv)	≤ 1%					
Overload	≤125% for 10 min, ≤ 150% for 1 min, > 150% for 200 ms					
Efficiency	96.8% Dual Conversion Mode, 99% ECO Mode, 98.4% EHS mode					
<b>BATTERY</b>						
Battery Voltage	± 240V DC (32 - 40, Configurable)					
<b>SYSTEM FEATURE</b>						
Transfer Time	Zero					
Alarm / Protections	Short Circuit, Input Under/Over Voltage, Over Temperature, Over Current, Over Load, DC BUS Under / Over Voltage and Battery low					
Short Circuit	Hold Whole System					
Display	LED					
<b>ENVIRONMENTAL</b>						
Temperature	Operating: 0~50°C*, Storage: -10°C ~ 55°C					
Humidity / Altitude	0~95% RH Non-condensing / <1500 M					
Noise Level	<55dBA					
<b>STANDARDS</b>						
Quality	ISO 9001, ISO 14001, ISO 27001, ISO 50001, RoHS					
Safety	IEC/EN62040-1					
EMC / Performance	IEC/EN62040-2; IEC/EN62040-3, Complying to CE, FCC, ROHS					
<b>COMMUNICATION INTERFACE</b>						
Standard	Rack: RS232					
Optional	SNMP / ModBus / Dry Contact / Parallel Card / RS485 / Dry Contact					
Monitoring Software	NetAgent Utility v5.8 / View Power / UPSilon 2000 / Muser 4000 / Power Manager					

\* Conditions apply.

Specifications are subject to change without prior notice.

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POWER IS ON™

