



**SPECIFICATION OF RACK**

MODEL	PS50R4MU36	PS50R6MU42	PS50R10MU42	PS50R16MU42	PS50R20MU42
Rating (kVA) Configurable	200	300	600	800	1000
Dimension WxDxH (mm)	600x850x1600	600x850x2000	1200x850x2000	2000x850x2000	
Weight (Kg)	230	260	650	980	1050
Bypass	Feature	Hot-Swappable Inbuilt Static Bypass Module for Max. Inbuilt Maintenance Bypass Switch			
	Voltage	Max. Voltage: $\pm 15\%$ (Optional $\pm 5\%$ , $\pm 10\%$ , $\pm 25\%$ )			
	Frequency	50 / 60 Hz Auto Sensing $\pm 1\text{Hz}$ , $\pm 3\text{Hz}$ , $\pm 5\text{Hz}$			
	Overload	135% Overload for 1 Min ; >1000% Overload for 100 ms			
Monitoring	7 Inch. Touch Screen Display+Keyboard				
Nos. of Module	50kVA x 04	50kVA x 06	50kVA x 12	50kVA x 16	50kVA x 20

**SPECIFICATION OF MODULE**

MODULE 50kVA	PS50M3350
Dimension WxDxH (mm)	440x620x130 (3U)
Weight (Kg) Each 50kVA	34 Kg
<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	$\geq 0.99$
Harmonic Distortion (THDi)	$\leq 3\%$
Generator Input / Walking	Support / 0~40 Sec. (Configurable)
<b>OUTPUT</b>	
Output Voltage	380V / 400V / 415V AC (3Ph+N+PE)
Voltage Regulation	$\pm 1\%$
Power Factor	1.0 (Unity)
Frequency	Auto Sensing 50 / 60 Hz $\pm 3\text{Hz}$ Sync Mode (Configurable), 50/60 Hz $\pm 0.1\text{Hz}$ Battery Mode
Crest Factor	3:1
Harmonic Distortion (THDv)	$\leq 1\%$
Over Load	$\leq 125\%$ for 10 min, $\leq 150\%$ for 1 min, $> 150\%$ for 200 ms
Efficiency	96.8% Dual Conversion Mode, 99.0% ECO Mode
<b>BATTERY</b>	
Battery Voltage	$\pm 240\text{V}$ DC Nominal (30 ~ 50 Nos. Configurable)
<b>SYSTEM FEATURE</b>	
Self-Diagnostics	During Power ON and Software Control
EPO	UPS Shut down
Transfer Time	Zero
Alarm / Protections	Short Circuit, Input Under/Over Voltage, Over Temperature, Over Load, DC BUS Under / Over Voltage and Battery low
Display	Touch Screen LCD & LED Indication
<b>ENVIRONMENTAL</b>	
Temperature	Operating: 0~50°C*, Storage: -15°C ~ 55°C
Humidity / Altitude	0~95% RH Non-condensing / <1500 M
Noise	<55dBA
<b>STANDARDS</b>	
Quality	ISO 9001, ISO 14001, ISO 27001, ISO 50001, RoHS
Safety	IEC/EN62040-1
EMC / Performance	Complying to CE, IEC/EN62040-2; IEC/EN62040-3
<b>COMMUNICATION INTERFACE</b>	
Standard	Rack: RS232, RS485, Dry Contact
Optional	BMS/ Rs485/ LBS / SNMP / ModBus / Dry Contact / Parallel, Dry contact, Relay Card, Battery temperature sensor
Monitoring Software	NetAgent Utility v5.8 / Muser 4000 / Power Manager

\* Conditions apply.  
Specifications are subject to change without prior notice.

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POWER IS ON



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