



**SPECIFICATION OF RACK**

MODEL	PS50R4MU36	PS50R6MU42	PS50R12MU42	PS50R10MU42	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 long tem; >1000% Overload for 100 ms			
Monitoring	10 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 / Phase	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)	$\leq 3\%$ @ 100% Linear Load, $\leq 4\%$ For Non- Linear Load					
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 $\pm 0.1$ Hz Battery Mode					
Crest Factor	3:1					
Harmonic Distortion (THDv)	$\leq 1\%$ With Linear Load, $\leq 4\%$ with Non-Linear Load					
Over Load	$\leq 125\%$ for 10 min, $\leq 150\%$ for 1 min, $> 150\%$ for 200 ms					
Efficiency	Up to 96.5% Dual Conversion Mode, 99% ECO Mode					
<b>BATTERY</b>						
Battery Voltage	$\pm 240\text{V}$ DC Nominal (30 ~ 50 Nos. Configurable)					
Charging Current(A)	UPS cabinet	80A (Max.)	120A (Max.)	240A (Max.)	320A (Max.)	400A (Max.)
	Power module	20A (Max.)				
<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: 0~45°C, Storage: -15°C ~ 55°C					
Humidity / Altitude	0~95% RH Non-condensing / <1500 M					
Noise	Low Audible Noise Level					
<b>STANDARDS</b>						
Quality	ISO 9001, ISO 14001, ISO 27001, RoHS					
Safety	OHSAS 18001, IEC/EN62040-1					
EMC / Performance	Complying to CE, IEC/EN62040-2; IEC/EN62040-3					
<b>COMMUNICATION INTERFACE</b>						
Standard	Rack: RS-232, RS-485, 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					

\*Specifications are subject to change without prior notice.

\*\* For additional information contact : crm@bpee.co.in

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