

# PAHAL<sup>®</sup>

SOLAR



# PSA SERIES



## Specs >>

	PSA-300	PSA-600	PSA-1000	PSA-2000
Model				PSA-2000
Max Output Load	240 W	480 W	800 W	1600 W
Battery	Inbuilt Lifepo4 (12.8 V / 48 Ah)	Inbuilt Lifepo4 (12.8 V / 72 Ah)	Inbuilt Lifepo4 (25.6 V / 48 Ah)	Inbuilt Lifepo4 (25.6 V / 96Ah)
Solar Panel Range	12V/150 W	12V/300 W	24V/400 W	24V/900 W
Solar Charge Controller	20A PWM	30A PWM	40A PWM	50A PWM
Output Voltage	23.0V $\pm$ 5%	23.0V $\pm$	$\pm$	$\pm$ 5%
Output Waveform	Pure sine wave	Pure sine wave	Pure sine wave	Pure sine wave
Emergency Load	USB - 5 W lamp	USB - 5 W lamp	USB - 5 W lamp	USB - 5 W lamp
Dimension (LxHxW) in mm	257x477x185	296x510x191	335x570x191	365x650x205
Weight In Kg	14.6Kg	19.9Kg	25.5Kg	45Kg

★ System 3 Years Warranty And Battery 5 Years Warranty.

# PSB SERIES



## Specs >>

Model	PSB 1000	PSB 2000	PSB 3000	PSB 5000
Max Output Load	1000 W	2000 W	3000 W	5000 W
Battery	Inbuilt Lifepo4 (25.6 V / 100 Ah)	Inbuilt Lifepo4 (38.4 V / 100 Ah)	Inbuilt Lifepo4 (51.2 V / 100 Ah)	Inbuilt Lifepo4 (76.8 V / 100 Ah)
Solar Panel Range	24-80 V / 1000 W	24-120 V / 2000 W	24-160 V / 3000 W	24-240 V / 5000 W
Solar Charge Controller	40A MPPT	60A MPPT	60A MPPT	70A MPPT
Output Voltage	230V±5%	230V±5%	230V±5%	230V±5%
Output Waveform	Pure sine wave	Pure sine wave	Pure sine wave	Pure sine wave
Dimension (LxHxW) in mm	204x530x550	204x530x550	300x530x650	300x530x700
Weight In Kg	45Kg	58Kg	65Kg	80Kg

★ System 3 Years Warranty And Battery 5Years Warranty.

# PSC SERIES



## Specs >>

	PSC 850	PSC 1250
Model		
Max Output Load	680 W	1000 W
Battery	Lifepo4 (Inbuilt) (12.8 V / 48 Ah)	Lifepo4 (Inbuilt) (12.8 V / 72 Ah)
Output Voltage	23 0V $\pm$ 5%	23 0V $\pm$ 5%
Output Waveform	Pure sine wave	Pure sine wave
Emergency Load	USB - 5 W lamp	USB - 5 W lamp
Dimension (LxHxW) in mm	390 x 320 x 195	430 x 340 x 195
Weight In Kg	21.5Kg	23.8Kg

★ System 3 Years Warranty And Battery 10 Years Warranty.

# PSD SERIES



Specs >>

Model	PSD 16"	PSD 16"
Backup Hours	4 - 6 Hours	4 - 6 Hours
Battery	Lifepo4 (12.8 V)	Lifepo4 (12.8 V)
Protection	Discharge & Over Load Protection	Discharge & Over Load Protection
Speed	1200 RPM	1100 RPM - 1200 RPM
Dimension (LxHxW) in mm	290X150X450	520X150X450
Weight In Kg	3.5Kg	4Kg

★ Fan 2 Years Warranty And Battery 5 Years Warranty

# UCHIWA



Specs >>

Model	INVERTER FAN
Watts	30 W
Input Voltage	90 -240 VAC
RPM	30 - 385 RPM
Air Delivery	220 CMM
Preferred Solar Panel R	—
Battery Backup	12.8 V-6 Ah/3HrsBackup
Remote Control	Available





## Specs >>

Model	ANGEL
Max Output Load	5W LED Lamps 3 Nos
Battery	lithium ion (Inbuilt) (11.1 V / 10.4 Ah)
Backup	1 Lamp - 24 Hrs   2 Lamp - 16 Hrs   3 Lamp - 8 Hrs
Dual Charging	Solar Panel & Grid Charging
Solar Charge Controller	PWM Solar Charging
Solar Power	20 - 40 W
Dimension (LxHxW) in mm	180x70x130
Weight In Kg	1.5Kg

★ System 3 Years Warranty And Battery 3 Years Warranty.



## Specs >>

Model	AYU
Max Output Load	5W LED Lamps 3 Nos
Battery	lithium ion (Inbuilt) (11.1 V / 10.4 Ah)
Backup	1 Lamp - 24 Hrs   2 Lamp - 16 Hrs   3 Lamp - 8 Hrs
Dual Charging	Solar Panel & Grid Charging
Solar Charge Controller	PWM Solar Charging
Solar Power	20 - 40 W
Dimension (LxHxW) in mm	180x70x130
Weight In Kg	1.5Kg

★ System 3 Years Warranty And Battery 3 Years Warranty.