



Key Features Of ASD POWERWALL

- ❖ Intelligent 32 Bit Powerful Processor.
- ❖ LCD Display for all parameter Indication.
- ❖ Inbuilt LiFePo4 Battery.
- ❖ Heavy Duty CVCC Battery Charger for better Efficiency and enhance Battery Life.
- ❖ Customized battery solution.
- ❖ High Efficiency
- ❖ Compact Design with Lithium Battery
- ❖ Easy and Quick installation
- ❖ BMS Protection Features
- ❖ Wall Mounting ASDPW & Table-top ASDFT Models.
- ❖ 2000 Above Battery Life Cycle.

Applications

- ❖ Home Light/ Fan
- ❖ Computer systems / Laptop charging.
- ❖ Television set
- ❖ Wi-Fi routers.
- ❖ Emergency Power System.

Specifications

PARAMETERS	MODELS	
Inverter series	ASDPW 110 1250VA /25.6VDC LIB	ASDPW 110 2000VA /25.6VDC LIB
Power Factor	0.6	
Output Voltage @ No Load	≤240VAC @25.6VDC	
Frequency	40Hz-60Hz Auto Sensing	
Charging Hi Cut	28.8V ±0.05 V	
Battery Low Alarm	23V ±0.05 V	
Short- Circuit Protection	Yes	
Inverter Output Frequency	50 ± 0.1 Hz	
UPS MODE		
Mains Input Voltage Range	140VAC To 280VAC	
UPS Cut-off	170VAC-270VAC ± 10VAC	
Inverter Cut-off	140VAC-280VAC ± 10VAC	
Grid Charging Type	C CCV- Four Stage	
Grid Charging Current	9Amps - 11Amps	
Maximum Change Over Time	< 20msec	
INDICATION		
LCD Display	16X2 Display.	
Mains AC Voltage	Yes	
Charging stag	Indicates charging Voltage with Charging current	
Battery Volage	Yes	
Output Load (Wattage) Battery low	Yes	
Overload, Hi-Low Voltage Cut-off	Yes	
CHARGING MODE		
Charging Current @220VAC	9 Amp	
Battery Voltage	28.8 ± 0.2 V	
Float Voltage	28.4 ± 0.2 V	
LIB BMS FEATURE		
Short Circuit Protection	Yes	
Over Voltage Protection	Yes	
Lower Voltage Protection	Yes	
Balancing	Yes	
Over Temperature Protection	Yes	
Under Temperatura Protection	Yes	
UPS PROTECTION with Audible Alarm.		
Battery Low Cut Off	3 Time	
Over Load.	3 Time	
Over Temperature	>55dBA(At 1M)	
Battery Over Charge	Yes	
Input Protection	Yes	
MEASUREMENTS		
Dimensions in mm (L x W x H) For PT and PW models	ASD PT 220 x 435 x 395	ASD PW 315 x 190 x 510
Weight in Kg	≤ 23.5	≤ 23.5

Specifications Are Subject To Change Without Prior Notice Due To Continuous Improvement In Design