

# PWM SOLAR PCU



The new generation PWM based Solar Off-Grid UPS range incorporates advanced micro-controller based technology with high quality MOFSET based design. These are powered by priority selection logic for minimum utilization of grid power. These products have large digital LCD display that help in easy operation.



## FEATURES

- Pure sine wave output
- High efficiency ( $\geq 95\%$ ) inbuilt Solar Charge Controller
- Attractive large LCD display with tri-colour backlights
- In-built PV reverse protection
- Meets IS 16221 (Part-2) & IEC 62109-2 specifications

## SPECIFICATIONS

Model	EXIDE 700	EXIDE 900	EXIDE 1100	EXIDE 1500	EXIDE 2200	EXIDE 2.5KVA	EXIDE 3 KVA	EXIDE 3.5 KVA	EXIDE 5.2 KVA 48V	EXIDE 5.2 KVA 96V	EXIDE 7.5 KVA 120V	EXIDE 10 KVA 120V	EXIDE 10 KVA 180V
Rated Capacity (VA)	650	850	1050	1450	2000	2500	3000	3500	5200	5200	7500	10000	10000
Battery Nominal Voltage (V)	12			24		48			96	120		180	
Maximum PV Input Power (W)	450			900	1500	3000			4200	6000	7500	10500	11250
Maximum PV Input Voltage	25			50		100			200	250		375	
Maximum PV Input Current (A)	30				50			70	50		70	50	
No. of Output Phase	1												
Dimension (D x W x H in mm)	343 X 330 X 118			400 X 370 X 250		420 X 385 X 490			500 X 380 X 575			560 X 395 X 595	
Protections	PV reverse polarity, PV reverse current flow, PV surge, grid input over and under voltage, grid frequency out of range, battery over and under voltage, battery overcharge, battery reverse polarity, overload, load short circuit, inverter over-temperature has context menu												
Display Parameters	Solar power availability, applied load %, battery voltage, battery charging/charged status, mains I/P voltage, operation mode, overload, short circuit trip, fuse/MCB trip, PV reverse, over-temperature, battery low/overcharge protection												