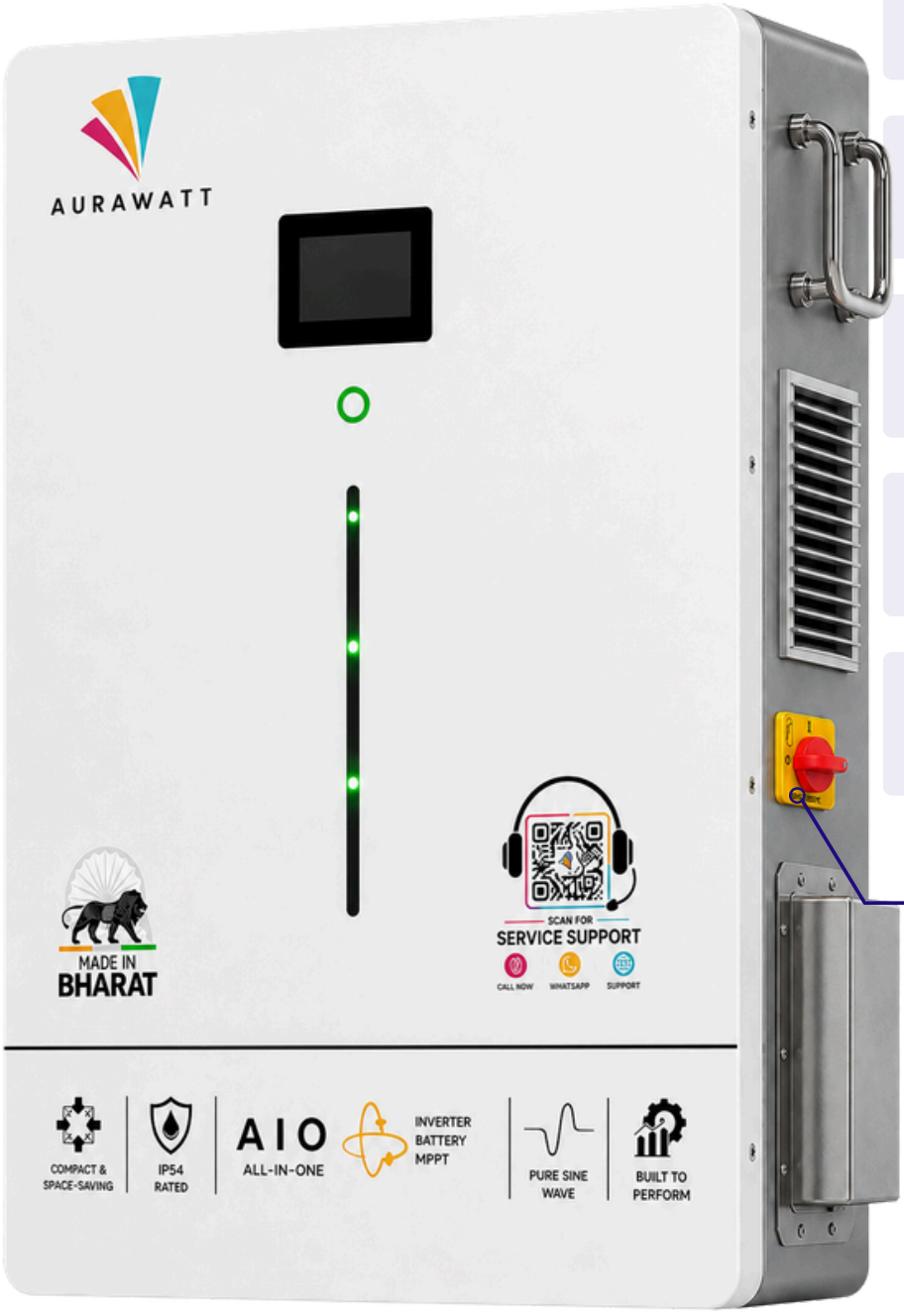
AURAWATT

AURAWATT
ALL-IN-ONE SERIES

SINGLE PHASE (3600 W) - A-I-O COMBO



Warranty
5 Years

Rated Voltage
25.6V

Pure Sine Wave

Dual Monitoring System

IP54 Rating Design

Compact Design

BUILT-IN CHANGEOVER SWITCH

MODEL	AW-SP-L1-3600-C
AC INPUT	
Rated Voltage	208 / 220 / 230 / 240 Va.c., L+N+PE
Rated Frequency (Hz)	50 / 60
Current (Max Continuous) (Aa.c.)	20
INVERTER OUTPUT	
Rated Power (kW)	3.6
Rated Voltage	208 / 220 / 230 / 240 Va.c., L+N+PE
Power Factor	1
Wave Form	Pure Sine Wave
Switch Time (ms)	<10 (Typical)
Inverter Efficiency (Peak)	92.7% @ 24V d.c.
Current (Max Continuous) (Aa.c.)	15.6
Max Output Overcurrent Protection	102%~110% 1min / 110%~130% 10s / 130%~150% 3s / 150% 0.2s
BATTERY	
Battery Type	Lithium
Rated Battery Voltage (Vd.c.)	25.6
Battery Voltage Range (Vd.c.)	22.4 ~ 28.8
Max. Charge Current (Ad.c.)	30 / 50 max
Discharge Current (A)	40 / 80 max
Cell Chemistry	3.2V 100Ah Prismatic Cell
Battery Configuration	8S1P
Cell Capacity (Ah)	100
Rated Energy (kWh)	2.56
Protection	Over & Under Voltage / Over Current / Over Temperature (Individual cell NTC), Voltage / Temp delta.
Communication	RS 485/ CAN
PV INPUT	
No. of MPPT Tracker / Strings	1 / 1
Max. PV Array Power (kW)	5
Max. DC Voltage (Vd.c.)	500
MPPT Voltage Range (Vd.c.)	40 ~ 450
Start-up Voltage (Vd.c.)	60
MPPT Max Charge Current (Ad.c.)	100
Max. Input Current (Ad.c.)	18
Isc PV (Absolute Maximum) (Ad.c.)	22
PROTECTION	
Parallel Function	No
Protection Degree	IP54
Certifications	IS 17980: 2022/IEC 62891:2020, IS 16169: 2019/ IEC 62116: 2014, IS 16221 (PART 2): 2015/ IEC 62109-2
Other Protection	Overload, Over temperature, Short circuit
GENERAL	
Storage Temperature	-15°C ~ +60°C
Operating Temperature	-10°C ~ +50°C
Humidity	20% ~ 95% (Non-condensing)
Operating Altitude (m)	4000 (>1000 Derating)
Noise (dB)	<50
Dimensions (WHD) (mm)	285*435*100
Machine Weight / N.W. (kg)	6.5
DISPLAY AND COMMUNICATION	
Display	LCD (Running Mode, Loads, Input/Output etc.)
Interface	RS232 / GPRS/ CAN / Dry Contact / WiFi (Optional) / GPRS