



Smart BMS



Bluetooth Connectivity



Low Battery Alert



Fire Protected

WALL MOUNTED INVERTER BATTERY

Smart Living Solution





CMD's Message

We are committed to driving innovation and building reliable connections through our pollution-free, environmentally friendly products. Our promise is to keep you powered and connected, not just for today but for a brighter tomorrow.

Make eco-friendly choices with 9AP ENERGY, and join us in shaping a sustainable future. Together, we can enjoy clean energy today while fostering innovation for a better tomorrow.

Amit Singhal
CMD



9AP – Ambit Transmission Products Pvt. Ltd. is part of a legacy of nearly three decades in industrial manufacturing excellence. With deep industry expertise and a strong vision to contribute to India's green revolution, we launched our Lithium-Ion Battery Division under the flagship brand 9AP.

Our state-of-the-art manufacturing facility is equipped with precision-controlled assembly lines and supported by a Government-recognized R&D center, ensuring innovation, quality, and reliability. With a production capacity of over 500 battery packs per day, we are committed to powering electric mobility and energy independence across India.

SALES AND SERVICE DISTRIBUTORSHIP



Sales Partner Coverage

Preferential Authorised Distributor Rates and Exclusivity for All Li-ion Batteries.

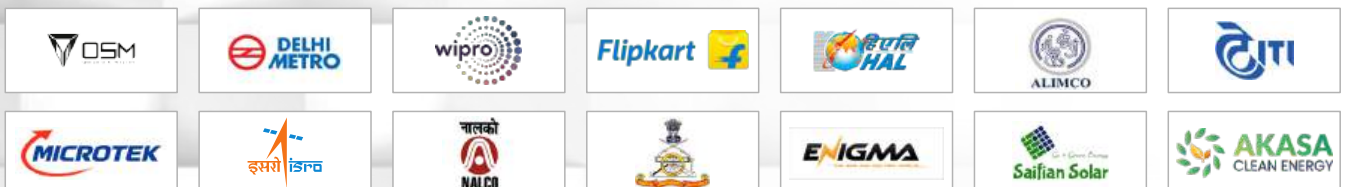
Service Partner Coverage

2W, 3W, Inverter, Solar & ESS Batteries - complete in house Service Solution



Parameter	Wall Mounted Lithium Battery Technical Specification			
	12.8V/105Ah	25.6V/105Ah	48V/105Ah	51.2V/105Ah
	CHEMISTRY			
Cell Chemistry	LFP Prismatic cell			
Cell voltage	3.2V			
Rated Cell Capacity	100Ah			
Cell Make	HighStar/High power/Great Power/Ganfeng			
	ELECTRICAL CHARACTERISTICS			
Cell Pack Configuration (Series & Parallel)	4S 1P	8S 1P	15S 1P	16S 1P
No. Of Cells	4	8	15	16
BMS under voltage protection	2.5±0.1V			
BMS over voltage protection	3.65V±0.1V			
Pack Under voltage protection	10V ±2V	20V±2V	37.5V ±2V	40V±2V
Pack Nominal voltage	12.8V	25.6V	48V	51.2V
Pack Over voltage protection	14.6V±2V	29.2V±2V	54.6V±2V	58.4V±2V
Battery DOD	95%			
Charging mode	CC-CV			
Rated pack Capacity	105± 2Ah			
Battery Energy (Watt)	1.280Kw	2.560Kw	4.8Kw	5.120Kw
Standard Charging Current	20A	20A	25A	25A
Standard Discharging Current	0.5C			
Max.Discharging Current	1C (pulse charge for 10 sec not for cycle life)			
Discharge & charging Connector Type	PPBT CONNECTOR -1P	ESS CONNECTOR-1P	ESS CONNECTOR-2P	ESS CONNECTOR-2P
	TEMPERATURE PROTECTION			
Operating Temperature Relative humidity %	Charging: 0°C-45°C,65%±20%RH			
	Discharging: -20°C-60°C,65%±20%RH			
Over Temp. Protection (DISCHARGE)	60°C			
Over Temp. Protection Release (DISCHARGE)	55°C			
Over Temp. Protection (CHARGE)	55°C			
Over Temp. Protection Release (CHARGE)	50 °C			
	PROTECTION AND MONITORING			
BMS protection	Short Circuit Protection, Over Voltage Protection, Under Voltage Protection, Over Current Protection, Temperature Protection.			
Communication	UART	UART	CAN/UART/RS485	CAN/UART/RS485
Bluetooth	Yes			
Display	Yes			
MCB	NA	YES	YES	YES
	MECHANICAL CHARACTERISTICS			
Dimension(L*W*H)	304X210X290(±2)mm	278X210X465(±2)mm	388X228X600(±2)mm	388X228X600(±2)mm
Weight	13(±1)kg	25(±1)Kg	47(±2)kg	50(±2)kg
Enclosure Material	CRCA			
IP rating of Enclosure	IP61			

Clientele



... and many more



Certified to global standards for quality, safety, and performance.



Ambit Transmission Products Pvt. Ltd.

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