

3 WHEELER BATTERY

High Performance Lithium-ion Batteries



36 MONTHS WARRANTY


HIGH PERFORMANCE


SMART BMS TECHNOLOGY


QUALITY TESTED


LiFePO4


MULTILAYER PROTECTION


HIGH CURRENT SUSTAINABILITY


FAST CHARGING


EXTENDED RANGE


ECO FRIENDLY



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	Product Model				
	51.2V/105Ah	51.2V/150Ah	51.2V/230Ah	60.8V/105Ah	64V/105Ah
CHEMISTRY					
Cell chemistry	LFP Prismatic cell				
Cell voltage	3.2V				
Rated Cell Capacity	105Ah	150Ah	105Ah	105Ah	105Ah
Cell Make	HighStar/High Power/GP	GANGFENG	HighStar	HighStar/High Power/GP	HighStar/High Power/GP
ELECTRICAL CHARACTERISTICS					
Cell Pack Configuration (Series & Parallel)	16S 1P	16S 1P	16S 2P	19S 1P	20S 1P
No: Of Cells	16	16	32	19	20
BMS under voltage protection	2.8±0.1V				
BMS over voltage protection	3.6V±0.1V				
Pack Under voltage protection	46V ±2V	46.5V±2V	46V ±2V	55.1V±2V	58V±2V
Pack Nominal voltage	51.2V	51.2V	51.2V	60.8V	64V
Pack Over voltage protection	57.6V±2V	57.6V±2V	57.6V±2V	68.4V±2V	72V±2V
Battery DOD	90%				
Charging mode	CC-CV				
Rated pack Capacity	105± 2Ah	150±2Ah	230± 2Ah	105± 2Ah	105± 2Ah
Battery Energy (Watt)	5.3Kw	7.68Kw	11.77Kw	6.38Kw	6.72Kw
Nominal charging Current	25A	30A	50A	25A	25A
Discharging Current	0.5C				
Max.Discharging Current	1C (pulse charge for 10 sec not for cycle life)				
Discharge & charging Connector Type	SB50/SBS75X	SB75X/SB50	SB50/SB120	SB50/SB75X	SB50/SB75X
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, Temp. Protection.				
CAN/UART/RS485 communication (Yes/No)	Yes				
Bluetooth	Yes				
IOT /GPS Device	On Demand				
MECHANICAL CHARACTERISTICS					
Dimension(L*W*H)	571*364.49*210 (±2)mm	521X387X306 (±2)mm	596X450.5X288 (±2)mm	620.1x369x225 (±2)mm	620.1x369x225 (±2)mm
Weight	53(±2)kg	65±20Kg	96(±2)kg	60(±2)kg	62(±2)kg
Enclosure Material	CRCA				
IP rating of Enclosure	IP67				

Clientele



... and many more



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



Ambit Transmission Products Pvt. Ltd.

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