

SAFE AND EFFICIENT ENERGY STORAGE SOLUTIONS



Long-lasting and Safe

Our comprehensive energy solution offers unparalleled durability and safety. With over 3000 cycles at an 80% Depth of Discharge (DoD), our vertically integrated system guarantees long-lasting performance while adhering to the highest safety standards.

Effortless Installation and Usage

Installation is a breeze with our integrated inverter, ensuring quick setup and a sleek, space-saving design. Whether for residential or commercial use, our solution reduces both installation time and expenditure.

Versatile Operation Modes

Adaptability drives our system's effectiveness, offering various operation modes to suit different needs. Whether as a primary power source in off-grid locations or as backup during grid instability, our system ensures a reliable response to sudden power outages.

Swift and Adaptable Charging

Charging is made effortless with multiple options including photovoltaic and commercial power. Enjoy swift and adaptable charging to meet your energy demands.

Expandable Energy

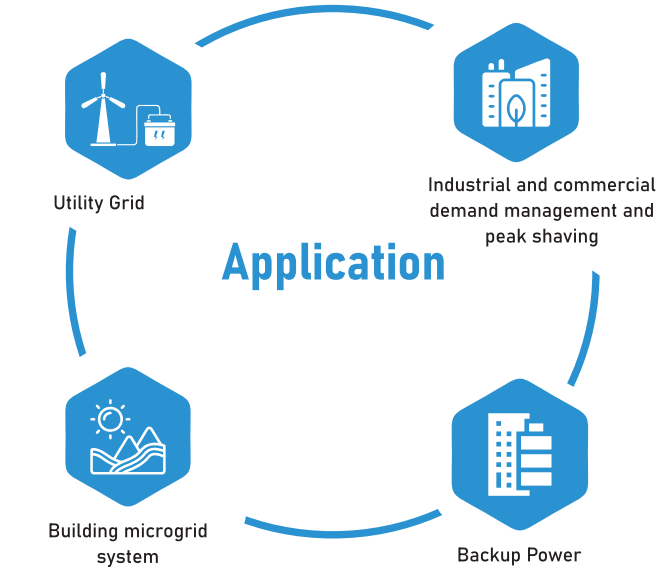
Expand your energy capacity by seamlessly connecting multiple batteries in series and parallel, giving you access to a vast pool of energy resources.



Technical Specifications

Models	100Ah Module	Kwh	Max Current	Charging Current	Discharging Current
Voltage Rating	48	4.8	100	30	50
	96	9.6	100	30	50
	192	19.2	100	30	50
	240	24	100	30	50
	384	38.4	100	30	50
	480	48	100	30	50
	576	57.6	100	30	50
	720	72	100	30	50
Multiple racks can be provided as per above rating					
Life Cycles			3000		
DoD			80%		
Comm.			RS232/RS485/Can-bus		
Voltage Range (V)			42 - 54		
Charging Temp (°C)			0 - 55		
Discharging Temp (°C)			-10 - 60		
Storage Temp (°C)			10 - 45		

Models	48 Volt Module Ah	Kwh	Max Current	Charging Current	Discharging Current
Ah Rating	100	4.8	100	30	50
	200	9.6	200	60	100
	300	14.4	300	90	150
	400	19.2	400	120	200
	500	24	500	150	250
	600	28.8	600	180	300
	700	33.6	700	210	350
	800	38.4	800	240	400
	900	43.2	900	270	450
	1000	48	1000	300	500
Multiple racks can be provided as per above rating					
Life Cycles	3000				
DoD	80%				
Comm.	RS232/RS485/Canbus				
Voltage Range (V)	42 - 54				
Charging Temp (°C)	0 - 55				
Discharging Temp (°C)	-10 - 60				
Storage Temp (°C)	10 - 45				



Established in 2014, Electrochem Power Systems Pvt. Ltd. stands as a pioneering force in the realm of battery solutions, catering to both individual consumers and industrial sectors. Our services encompass the sale of new batteries and tools along with the repair and revitalization of old ones to prolong their lifespan and reduce lead-based pollution. Furthermore, our expertise extends to the manufacturing of chemical additives and charging equipment, tailored to meet the demands of electric vehicle applications across diverse sectors. As a notable division within Salasar Techno Engineering Limited, renowned for its comprehensive steel solutions that encompass engineering, design, procurement, fabrication, galvanization, and EPC services, we leverage this synergy to position ourselves as leaders in the Indian market for high-quality Li-ion batteries.

CONTACT US

ELECTROCHEM POWER SYSTEMS PVT. LTD.

📍 E-202, Sector 63, Noida-201301 (U.P.), India
 ☎ 0120-4271667 ✉ sales@electrochempower.in
 🌐 www.electrochempower.in