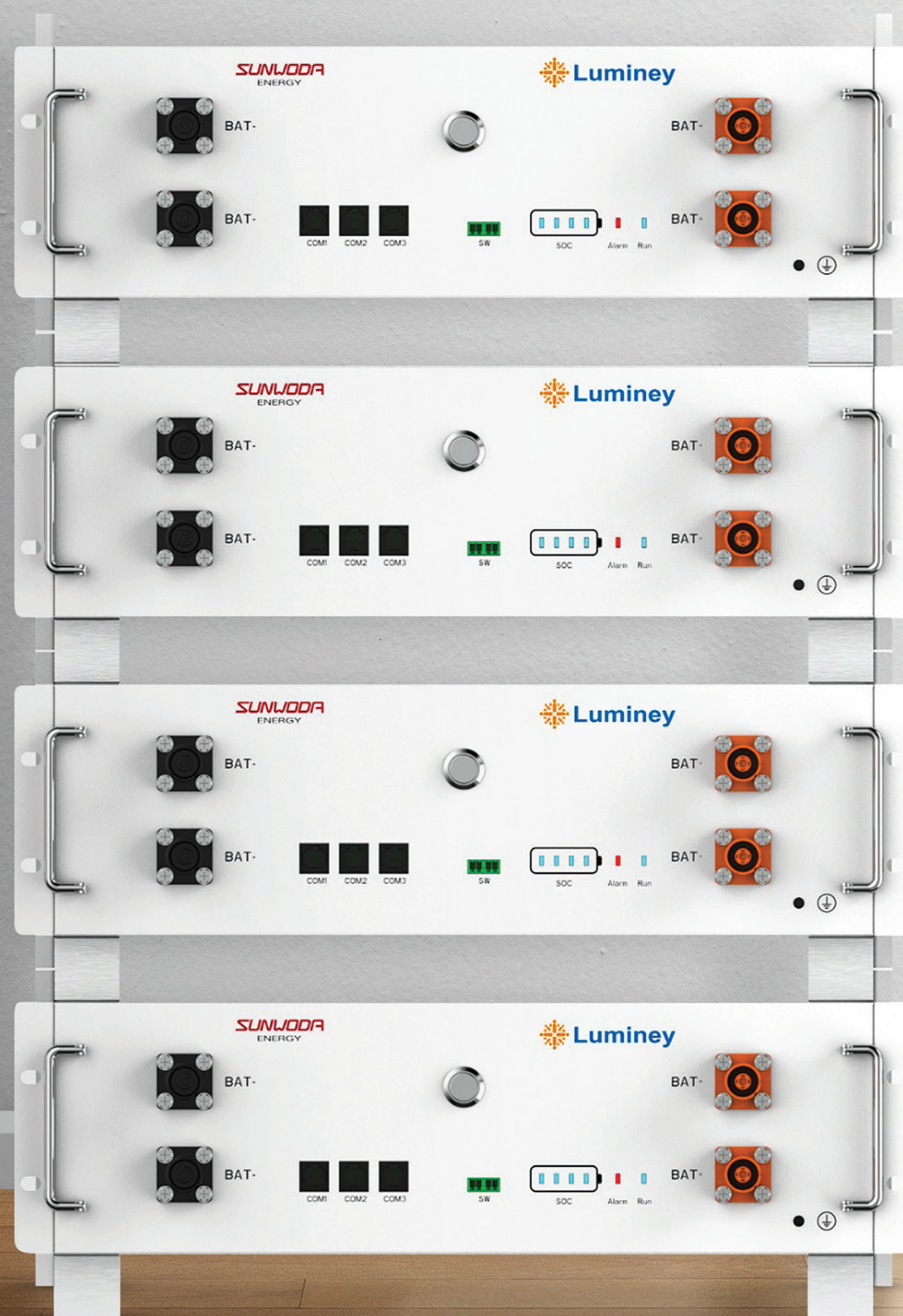


Luminey in collaboration with Sunwoda Energy, is bringing **Lithium Iron Phosphate (LiFePO<sub>4</sub>) Batteries** to Pakistan. Trust in our expertise & **take charge** of your energy future today.



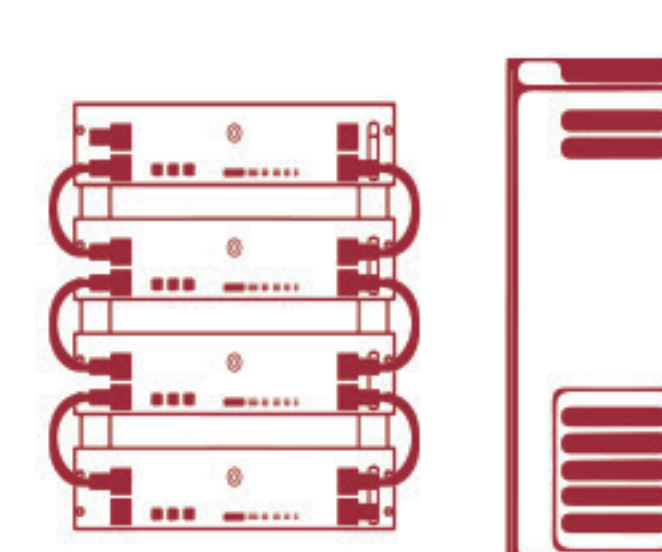
## Conventional

## Atrix



### Flexible Application

Optimized for stack and build in cabinet installation



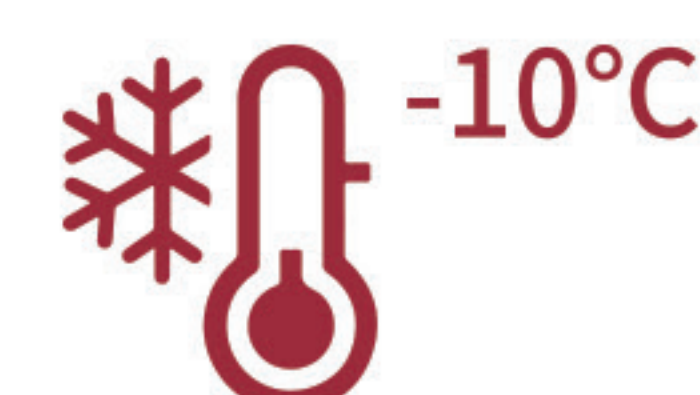
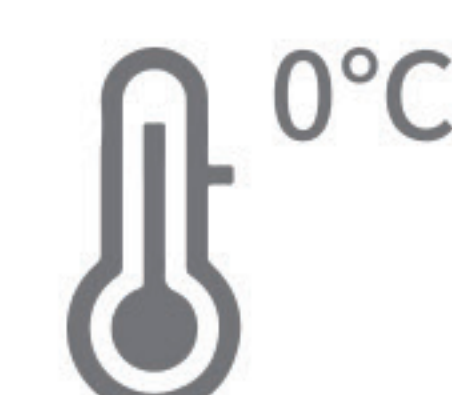
### Easy to Install

Plug and play  
Compact and light  
2 Persons installation



### Excellent Performance

100% DOD  
Operate at -10° C without any limitation and attenuation (optional)



### Battery APP (Optional)

Real time monitoring  
Remote maintenance and upgrades (optional)





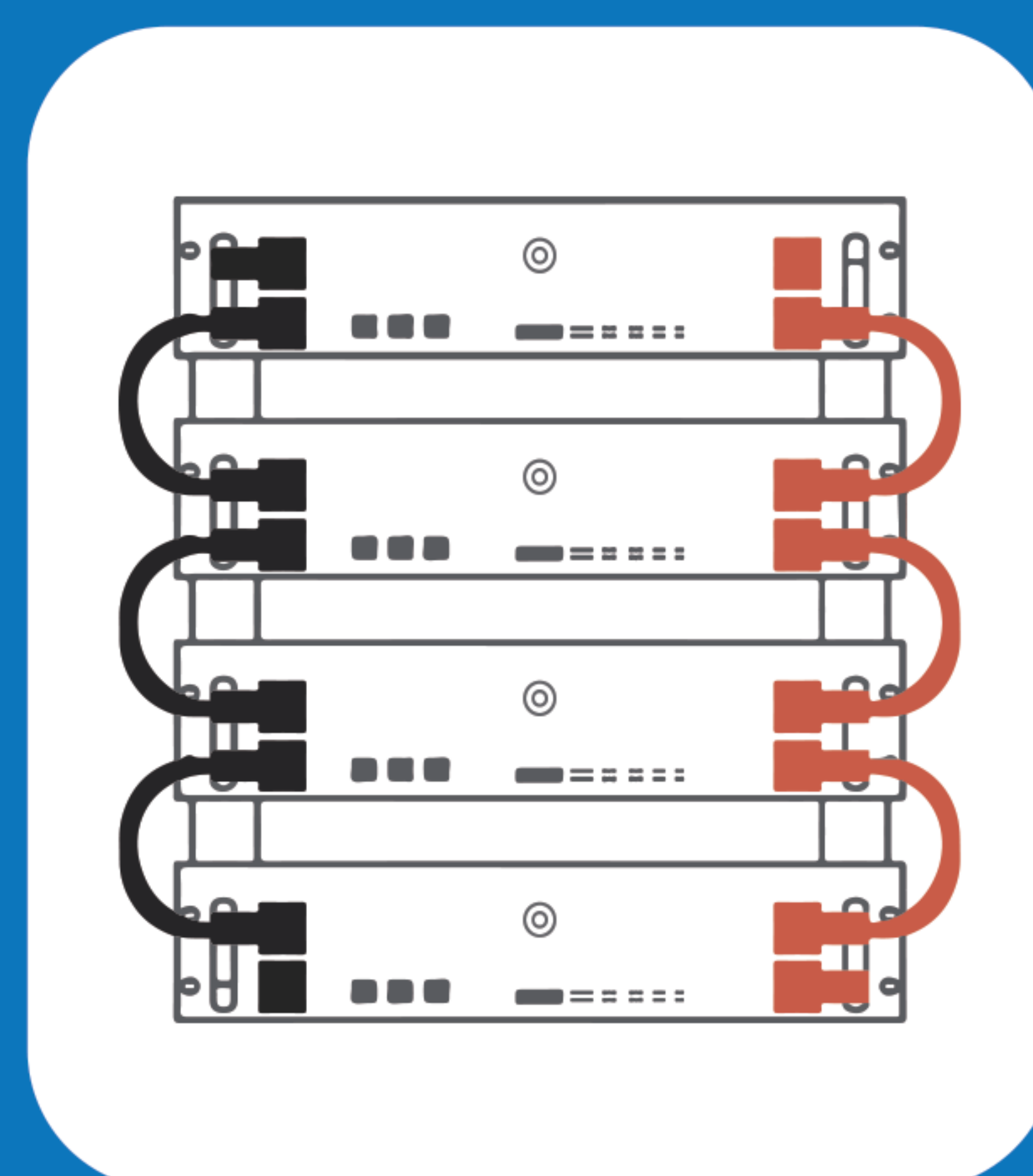
## Specifications

Model	Atrix-5	Atrix-10	Atrix-15	Atrix-20
Nominal Energy	5kWh	10kWh	15kWh	20kWh
Usable Energy (100% DOD)	5kWh	10kWh	15kWh	20kWh
Rated Voltage	51.2V	51.2V	51.2V	51.2V
Charge/Discharge Cut Off Voltage	44.8V~55.2V	44.8V~55.2V	44.8V~55.2V	44.8V~55.2V
Roundtrip Efficiency	>98%	>98%	>98%	>98%
Rated Charge/Discharge Current	50A/50A	100A/100A	150A/150A	200A/200A
Max. Charge/Discharge Current	100A/100A	180A/100A	200A/200A	200A/200A
Communication Interface	CAN 2.0/RS485			
Scalability	Max. 24 in parallel, Max. 120 kWh			

- |   |   |
|---|---|
| 1 Life Cycles = 6000 cycles*            | 8 Anti expansion Design                                       |
| 2 Rated charge / discharge = 0.5C / 1C  | 9 Built in Heater   |
| 3 Max charge / discharge = 1C/ 1C       | 10 Quick Plug and un Plug DC terminal                         |
| 4 DOD = 100%                            | 11 Communication cables and dc wires                          |
| 5 Installation = wall mount /Rack mount | 12 Inverex , Solar Max , Knox, Solis, Growatt (CAN 2.0/RS485) |
| 6 Warranty = 6 + 1 years**              | 13 With built-in flexible Battery Rack                        |
| 7 Battery type = liFePo4                |   |

## Operating Conditions

Installation Location	Indoor
Operating Temperature	14°F to 122°F (-10°C to 50°C)
Storage Temperature	-22°F to 140°F (-30°C to 60°C)
Humidity	10% to 90%, non-condensation
Dimensions	482*135*433/Pack (W*H*D, mm)
Weight	45kg/90kg/135kg/180kg
Enclosure Protection Rating	IP20
Altitude	<2000m
Cooling	Natural Convection
Certificates	IEC62619/CE/CEI 0-21/UL1973/ FCC/UL9540A/UN38.3



Terms and conditions apply

\*6000 cycles @ 90% DOD, 60% EOL

\*\*+1 is extendable with the purchase of data box

