

ATNOM POWER ESS

Power rack liquid cooled battery

ATNOM



PRACTICAL

Built for extreme outdoor conditions



EXTENSIVE CAPACITY

Modular Battery rack



SAFE & RELIABLE

Liquid cooled & Fireproof

SPECIFICATION		
	Outdoor cabinet (< 1000V)	Outdoor cabinet (< 1500V)
Nominal Voltage	768 Vdc	1228 Vdc
Battery type	LF280K	LF280K
Configuration	1P240S	1P384S
System energy(BOL)/ kWh	215	344
Battery voltage range/ V	672-876	1076-1382
Charge/Discharge Current (Rated)	≤0.5C	≤0.5C
Charge/Discharge Current (Max.)	≤0.5C	≤0.5C
BMS communication interfaces	CAN 2.0	CAN 2.0
Thermal Management	Liquid cooling	Liquid cooling

General Parameter		
Dimension(W*D*H)/ mm	W900*D1150*H2000	W900*D1150*H2500
Weight/ kg	1800	2700
Operation temperature/°C (Charge)	0-50	0-50
Operation temperature/°C (Discharge)	-20-50	-20-50
Relative humidity	5%-95% (non-condensing)	5%-95% (non-condensing)
Degree of protection	IP54	IP54
Certification	PACK: CE, UN38.3 ongoing CELL: UN38.3, IEC62619	

1. Test conditions: 80% depth of discharge (DoD), 0.2C rate charge & discharge @ 25 °C
2. Charge/discharge derating occurs when the operating temperature from -0°C to 5°C. & 45 °C - 55 °C
3. At 80% DOD / 25°C / 0.5C, 60% EOL.