ANPL

100kW/200kWh
Industrial Energy Storage System

⚡ HULK 200

Safe and Reliable

- CATL battery cell
- High IP protection rating
- Pack level short–circuit protection
- Innovative air duct design
- 4 level of safety protection

Intelligent Control

- Optimized operation strategy by EMS
- OTA maintenance and monitoring
- Unmanned operation

Flexible Configuration

- Standardized interface for flexible access
- Plug and play modular design
- Expandable to MWh
- Integrated transportation
- On-grid / off-grid optional

Economical and Efficient

- Efficient thermal management design
- High–performance batteries and PCS
- Replaceable pack for easy O&M
- Longer battery life cycle

| Off Grid Island | Commercial Buildings | Industrial Parks | PV Storage & EV Charging | Distribution Grid Expansion |

Product Type	ANPLHULK100200
DC Parameters	
Battery Type	Lithium-ion battery (CATL)
Battery Rated Capacity	3.2V / 280Ah
Battery System Configuration	1P224S
Battery Rated Capacity [kWh]	200
Rated Voltage [V]	716.8
Voltage Range [V]	627.2 ~ 806.4
Max Charge / Discharge Capacity [kWh]	180 (DOD90%)
Life Cycle	≥8000 (EOL>60%, 25℃)
AC Parameters	
Grid Voltage Range [V]	AC400 (-15%~+10%)
Grid Frequency Range [Hz]	50 / 60 (±2.5)
AC Mode	3-Phase 3-Wire (3P3W)
Isolation Mode	No isolation connected to the grid
Rated Charge / Discharge Power	100kW / AC
Operating Mode	On-grid / off-grid (optional isolation transformer)
System Parameter	
Rated Charging and Discharging Rate	0.5P
System Efficiency	≥88%
Wiring Method	Bottom in and bottom out
Anti-Corrosion Grade	C5
Operating Temperature Range [℃]	-20 ~ +55
Relative Humidity Range	0 ~ 95% RH, no condensation
Cooling Method	Air cooling
Protection Rating	IP55 (battery room) ; IP54 (system)
Noise [dB]	≤70 (1m)
Operating Altitude [m]	2000 (>2000 derating)
Weight [kg]	≤2500
Dimension (W*D*H) [mm]	1550*1350*2250 (1550*1600*2250, including AC)
Communication Protocols	ModBusTCP / RS485 / CAN
Standard	IEC62619 / IEC63056 / IEC61000 / IEC62477 / UN38.3 / EN50549 / VDE4105