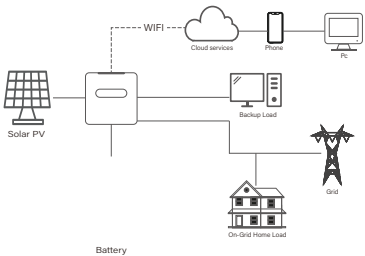
WHEEL-MOUNTED **MODEL**



Features

- Battery modular with Built in high quality BMS. Protect battery cells all the way
- With Lithium iron phosphate battery. Stay safe with battery storage at Home
- Battery modular is scalable for any largerStorage System
- Span 15-20 years Life design. Up to 6000 + Cycle life
- Low MOQ for OEM order. Built your own brand

Connection Overview



TECHNICAL PARAMETER

Model	A48V314PU	
Main Parameter		
Battery Chemistry	$LiFePO_4$	
Capacity (Ah)	314Ah	
Scalability	Max.16pcs in Parallel	
Nominal Voltage (V)	51.2V	
Operating Voltage (V)	43.2~57.6V	
Energy (KWh)	16KWh	
Charge / Discharge Current (A)	Recommend	100A
	Max.	200A
	Peak	220A（30S，25°C）
Dimension (mm)	400*260*820mm	
Weight Approximate (kg)	≈120kg	
Master LCD Indicator	6LED (SOC:20%~SOC100%) ,3LED (working,alarming,mos) ,LCD	
IP Rating of Enclosure	IP21	
Operating Temperature	Charge:0~+55°C/Discharge:-20°C~+55°C	
Storage Temperature	0°C~+35°C	
Humidity	5%~95%	
Altitude	≤3000m	
Cycle Life	≥8000 (25°C+2°C,70%EOL) (DOD90%)	
Installation	Wheel mounted / Floor standing	
Communication Port	CAN,RS485,RS232	
Certification	UN38.3,CE,MSDS	