

BICONT_{sun}

Rack



Safety

Multi-protection from self developed BMS



Optimal Electricity Cost

Long cycle life and superior performance



Compact Size & East Installation

Module design help for quick installation



Easy to Scale Up

Be workable to be parallel based on 48V



Compatibility

Compatible with Tier 1 inverter brands

SPECIFICATION (192-480V)

Module	Rack X1	Rack X2
Battery Module	H48050	H48074
Nominal Voltage(V)	48	48
Battery Capacity(Ah)	50	74
Energy (kWh)	2.4	3.55
Dimension Module (W*D*H mm)	442*390*100	442*390*132
Weight Module (kg)	24	32
Main Controller BMC	SC0500-40S	SC0500-40S
Weight BMC (kg)	7	7
Dimension BMC (W*D*H mm)	442*270*87	442*270*87
System Operation Voltage BMC (VDC)	60-600	60-600
Rack Types	12U/24U/33U	24U/33U
Dimension Rack (W*D*H mm)	600*510*671/1205/1605	600*510*1205/1605
Weight Rack (kg)	23/40/51	40/51
Voltage range Rack (V)	192-480	192-480
Efficiency (@0.5C-rate)	96%	96%
Depth of Discharge	95%	95%
Design Life	15+Years	15+Years
Cycle Life	>5000, 25°C	>5000, 25°C
Operation Temperature (°C)	0~50	0~50
Humidity	5%~95%	5%~95%
Altitude	< 2000	< 2000
Protection Class	IP20	IP20
Battery Module Quantity	4-10	4-10
Authentication level	IEC62619/VDE2510-50 UL1973/CE/CEC	IEC62619/VDE2510-50 UL1973/CE/CEC