

**TRUSTED ENERGY PARTNER
FROM FINLAND
SINCE 1975**



IBUE BATTERY DATASHEET



 19-inch design and unique outlook, modular fan-free design

 Easy and safe to install with anti-theft feature

 Easy expansion with auto address assignment during parallel connection of batteries

 Long cycle life and service life

 Remote real-time monitoring of battery data

TECHNICAL SPECIFICATIONS

MODEL	IBUE- 48100	IBUE- 48150	IBUE- 48200
Battery Type	LFP		
Nominal Voltage(V)	48		
Rated Capacity (Ah)	100 (@ 25°C)	150 (@ 25°C)	200 (@ 25°C)
Rated Energy(Wh)	4800	7200	9600
Cycle Life(Cycles)	Standard: 4000 High performance: 6000(@ 25°C,80% DOD)	4000 (@ 25°C, 80% DOD)	Standard: 4000 High performance: 6000(@ 25°C,80% DOD)
Calendar Life	≥15 years		
Communication	RS485		
Rack Size	19 inches		
Dimensions (W*D*H)(mm)	483*550*87.5	483*550*162	483*550*200
IP	IP20		
Weight(kg)	40	57	80
Standard (Max.) Charge Voltage(V)	54.0 (54.75)		
Maximum Charge Current(A)	50		
Charge Current Limit Function(A)	10		
Maximum Discharge Current(A)	100		
End of Discharge Voltage(V)	40.5		
Charge Temperature (°C)	0 to 55		
Discharge Temperature(°C)	-20 to 55		
Storage Temperature(°C)	-20 to 55		

Certifications IEC/EN 62368-1, IEC/EN 62619, UL1973, IEC/EN 62619,
ETSI EN 300 386, EMC Directive 2014/30/EL, RoHS, UN38.3



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