



## Low Voltage Battery System

ME B5L -ME B30L

Dongguan nRuit Energy Technology Co., LTD

Product manufacturing country: China

System Model	ME-B5L	ME-B10L	ME-B15L	ME-B20L	ME-B25L	ME-B30L
Module Number	1	2	3	4	5	6
Nominal Energy	5.12kWh	10.2kWh	15.3kWh	20.4kWh	25.5kWh	30.6kWh
Usable Battery Capacity	5.12kWh	10.2kWh	15.3kWh	20.4kWh	25.5kWh	30.6kWh
Max Power	5kW	10kW	10kW	10kW	10kW	10kW
Rated Capacity	100Ah @25°C	200Ah @25°C	300Ah @25°C	400Ah @25°C	500Ah @25°C	600Ah @25°C
Nominal DC Voltage	51.2V	51.2V	51.2V	51.2V	51.2V	51.2V
Max DC Voltage	57.6V	57.6V	57.6V	57.6V	57.6V	57.6V
Min DC Voltage	44.8V	44.8V	44.8V	44.8V	44.8V	44.8V
Dimensions (mm)	700/370/478	700/370/651	700/370/824	700/370/997	700/370/1170	700/370/1343
Weight	74.9kg	124.2kg	173.5kg	222.8kg	272.1kg	321.4kg
Rated Current	50A	100A	150A	200A	200A	200A
Max Continuous Current	99A	198A	200A	200A	200A	200A
Depth of Discharge	90%	90%	90%	90%	90%	90%
Operating ambient temperature	-10°C~50°C					
RTE	≥95%					
Battery pack in parallel	Maximum support 6 units in parallel, parallel voltage difference $\Delta V \leq 0.5v$					
Humidity	5%~95%					
Storage temperature	-20°C~50°C/7 days; -20°C~40°C/6 months; 95%RH					
cooling method	Natural cooling					
Installation	Floor stacking installation					
Altitude	≤2000m					
Ingress Protection	IP 65					
Communication method	CAN (to PCS)					