

Company: BMZ Germany GmbH  
 Address: Zeche Gustav 1, 63791 Karlstein, Germany  
 Product: LMT Battery  
 Description: V8RS 13S4P - Neodrive  
 Article number: 617116

## Parameters related to electrochemical performance and durability

Rated Capacity	13.4 Ah	Charge: CC-CV 54.6 V – 3.6 A (0.2C) cut-off 0.36 A (0.02C) at 25 °C  Discharge: CC 3.6 A (0.2C) to 32.5 V at 25 °C
Capacity loss	30%	After 600 cycles capacity of battery is 70%
Power	600W	Discharge current x Nominal voltage
Power loss	37%	ACIR increase (in %) after 600 cyc
Resistance	113.75 mΩ	ACIR (in Ohm): 1C-30Sec @50SOC%
Resistance increase	37%	DCIR increase (in %) after 600 cyc
Expected lifetime	600 cycles	6 jahre