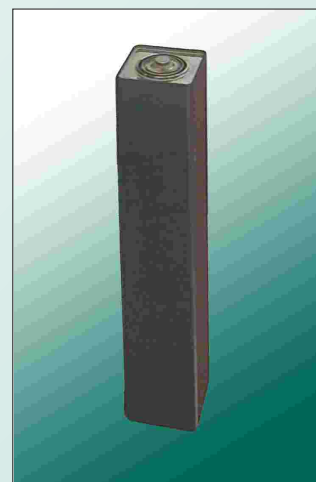


Zebra Batteries are designed for electric and hybrid vehicles. They use salt and nickel for electrode materials with a ceramic electrolyte.

Technical data _____ **ZEBRA® Battery** _____
Type **Z36**

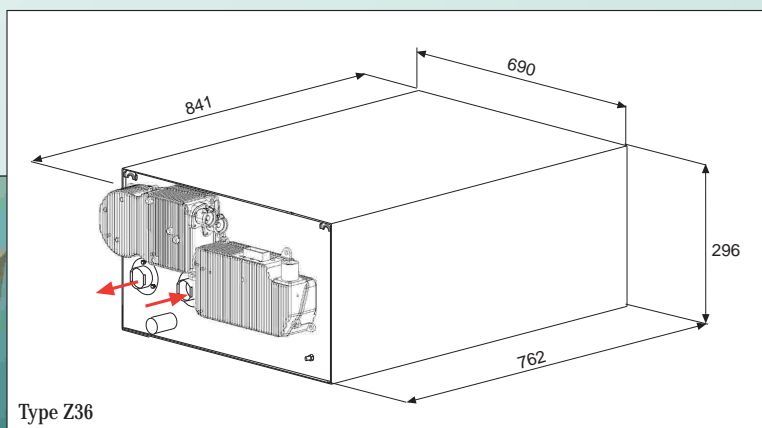
	<i>Id. No.</i>	<i>30x00180</i>	<i>30x00150</i>
Capacity	Ah	64	76
Rated Energy	kWh	23.8	28.2
Open circuit voltage			
0 - 15% DOD	V	371	371
Max. regen. voltage	V	417	446
Min. op. voltage	V	248	248
Max. discharge current	A	224	224
Cell Type / N° of cells		ML3X /288	ML3X /288
Weight with BMI	kg	243	243
Specific energy without BMI	Wh/kg	99	118
Energy density without BMI	Wh/l	153	181
Energy 2 h discharge	kWh	21	24
Specific power	W/kg		168
Power density	W/l		258
Peak power	kW	40	40
,2/3 OCV, 30s,335°C		80% DOD	70% DOD
Ambient temperature	°C	-40 to +50	
Thermal loss	W	< 130	
at 270°C internal temperature			
Cooling		air	
Heating time	h	24 h at 230 VAC	
Periphery		BMI, Fan	
		HEV Application	EV Application
On board generator			
MAX voltage, up to 70%SOC	V/Cell	2.7	n.a.



ZEBRA® Cell

System design recommendation:

- MES-DEA Charger
- Min. discharging time: 120 min.
- Max. degree of discharge: 80%



Type Z36

The information contained herewith is subject to change without notice

