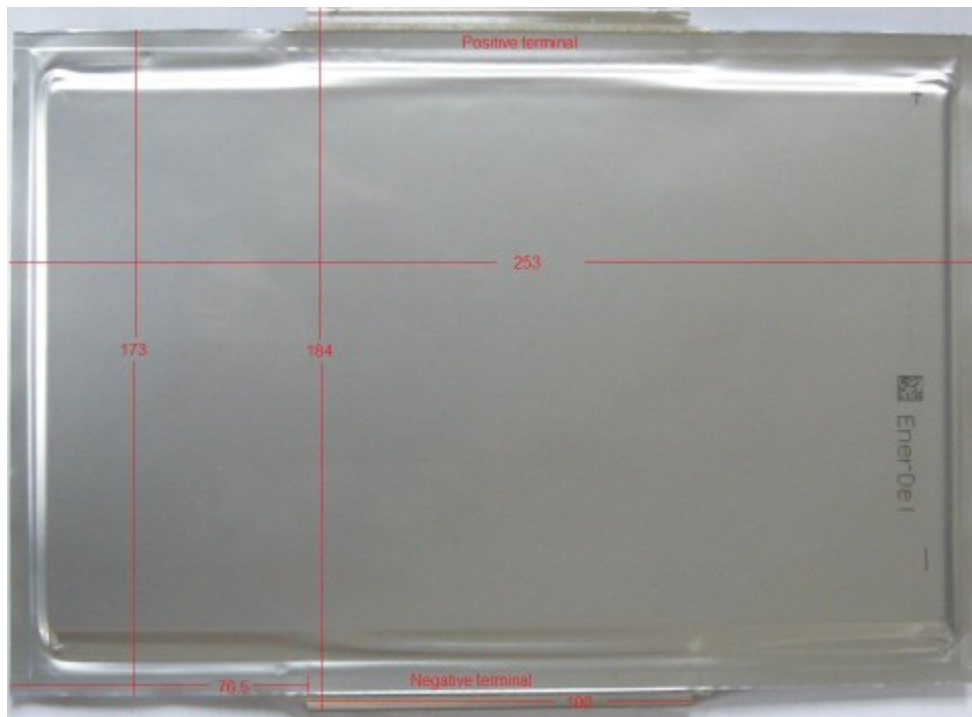


ENERDEL 16 Ah “HEV” CELL



Mechanical specifications

Item	Conditions	Min	Nom	Max	Units
Weight (including tab)	Including tab		446	450	g
Dimensions	Including bent tab		184 x 253 x 6.3		mm
Volume	Including bent tab		0.29		l



Environmental specifications

Item	Conditions	Min	Nom	Max	Units
Operating Temperature	Charging	0		55	°C
	Discharging	-20		55	
	Recommended	22	25	28	
Storage Temperature	25 ° C	-40		60	°C
	25 ° C, recommended	22	25	28	

Electrical specifications

Note: unless otherwise specified, at 25 ° C, 50 % SOC, Beginning of Life (BOL) .

Item	Conditions	Min	Nom	Max	Units
Discharge capacity	After standard charge	16			Ah
	After standard charge, at end of life	11,2			
Open circuit voltage		3.55	3.60	3.65	V
Maximum charge voltage	Standard charge			4.1	V
Minimum discharge voltage	Standard discharge	2.5			V
Internal AC impedance	1kHz			1	mΩ
Internal DC resistance			1.3		mΩ
Charge current	Continuous	-80			A
	10 s peak	-250			
Discharge current	Continuous			80	A
	10 s peak			250	
Shelf Life	(TBD)		6		months
Self Discharge	75% SOC (TBD)		0.15		Wh / day

