


8,5 Ah High Power Battery Cell - Dimension 83 113 203 Average OCV: 3.30V, Cell weight : ~310g

C-2 Muster

Capacity ratio [%]					
1C	5C	10C	15C	20C	30C
100.0%	97.6%	95.7%	95.0%	94.7%	96.5%

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1C	5C	10C	15C	20C	30C
32.3	30.5	29.2	28.5	28.1	27.4

Max. cell temperature [°C]

1C	5C	10C	15C	20C	30C
26.1	28.7	30.8	32.3	33.5	26.8

Average cell voltage

1C	5C	10C	15C	20C	30C
3.209	3.105	3.036	2.988	2.946	2.825

Family member of its species:

8117270 10 Ah Cell weight ~383g

60117270 9 Ah Cell weight ~340g

- ✓ Patented process and cell
- ✓ Superior discharge, cool-dry
- ✓ Wide temperature range
- ✓ Excellent cost
- ✓ Ceramic type
- ✓ Could eliminate cooling needs
- ✓ 48V, SLI, Power net
- ✓ Safe
- ✓ Long life
- ✓ No Nickel
- ✓ No Cobalt
- ✓ No Lead
- ✓ More sustainable process and
- ✓ Advanced Design



Charge 5.0C/
Discharge 10C (25°C)
>80% at 2000cycles

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Ceramic Cool DRY Phosphate High Power Cell



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Cell dimension (mm) -C2 sample	82x 113x 203
V _{nom}	3,3
Wh	28,05
DCR (10-second)	< 1.4
Operating Temperature	- 30 °C to 55°C
Storage Temperature	- 40 °C to 60 °C
Cell weight (g)	310
Cell capacity (minimum, Ah)	8,5
Max Discharge Current (10- seconds, A)	>1200
Discharge Power (10-second; W)	>2000
Specific Power (nominal, W/kg)	5900
Cycle Life at 5C _{charge} 10C _{disch} > 80%, 25°C	2000
Abuse Test Summary	
UN 38.3 C2 sample	Pass
Nail Penetration	Pass -EUCAR 3
Thermal Stability	Pass- EUCAR 4
Overcharge	Pass -EUCAR 3
External Short	Pass -EUCAR 3
Crush	Pass -EUCAR 3
ADR/RID 4.2.9.1.7 -EU	ok
EU ROHS	ok