



## Battery box A512/200 12V – 400Ah C20

### Protection mode:

Type of protection: II 2G Ex e IIC T6 Gb  
 Class of temperature: T6  
 Ambient Temp : -20/+50°C  
 Zones : 1-2



### Description:

Battery box including 2x EXIDE SONNENSCHNEIN A512/200 cells (approx. dimensions 700x660xH600mm). The battery box is manufactured in stainless steel AISI 316L with hinged top plate, complete with 2 x stainless steel cable glands.



### Specifications:

Exide type designation	Part number	Nom. Voltage V	Nominal capacity C <sub>20</sub> VpC 20°C Ah	Nominal Length l mm	Width b/w mm	Height h1 mm	Height top cover h1 max. mm	Height over terminals h2 mm	Weight approx. kg	Internal resistance acc. IEC896-2 mOhm	Short circuit acc. IEC896-2 A	Max. Load approx. A	Max. perm current 5 secs. A	Terminal
A512/200 A	NGA5120200HS0CA	12	200	518	274	216	216	238	67	3.5	3605	770	2600	A-Terminal

Part numbers not valid for North America, use type for ordering!

### Constant-current discharge in A (at 20 °C):

Part number	Exide type designation	VpC	5min	10min	15min	20min	30min	1h	2h	3h	5h	8h	10h
NGA5120200HS0CA	A512/200A	1.85	329.0	274.0	226.0	196.0	160.0	104.0	65.1	46.6	31.0	20.4	16.7
NGA5120200HS0CA	A512/200A	1.80	381.0	313.0	258.0	222.0	176.0	110.0	68.1	48.5	32.0	21.1	17.3
NGA5120200HS0CA	A512/200A	1.75	437.0	349.0	282.0	237.0	183.0	115.0	70.0	49.7	32.3	21.5	17.7
NGA5120200HS0CA	A512/200A	1.70	486.0	380.0	300.0	251.0	191.0	117.0	71.4	50.6	32.8	21.8	17.7
NGA5120200HS0CA	A512/200A	1.65	531.0	395.0	313.0	262.0	198.0	120.0	72.1	51.0	32.8	21.8	17.7
NGA5120200HS0CA	A512/200A	1.60	581.0	411.0	323.0	269.0	202.0	121.0	72.4	51.1	32.8	21.8	17.7

### Constant-power discharge in W/block (at 20 °C):

Part number	Exide type designation	VpC	3min	5min	10min	15min	20min	30min	45min	1h	1.5h
NGA5120200HS0CA	A512/200A	1.85	4690	4102	3448	2842	2374	1800	1408	1134	875.0
NGA5120200HS0CA	A512/200A	1.80	5268	4694	3814	3040	2580	1928	1448	1190	912.0
NGA5120200HS0CA	A512/200A	1.75	5932	5092	3940	3200	2700	2002	1484	1222	933.0
NGA5120200HS0CA	A512/200A	1.70	6350	5446	4034	3302	2774	2048	1512	1244	948.0
NGA5120200HS0CA	A512/200A	1.65	6786	5736	4142	3368	2824	2080	1532	1264	959.0
NGA5120200HS0CA	A512/200A	1.60	7188	5956	4218	3412	2860	2104	1548	1278	969.0