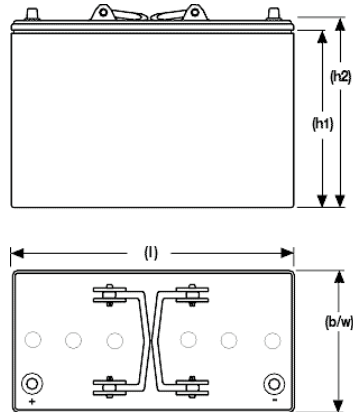


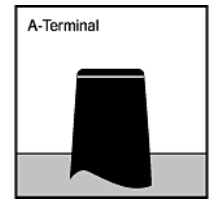
# Sonnenschein A512/85 A\* data sheet



Drawing:



Terminal:



Meets: UL94 HB \*VdS-approved.

## Specifications:

Exide type designation	Part number	Nom. Voltage V	Nominal capacity C <sub>20</sub> 1.75 VpC 20°C Ah	Length l mm	Width b/w mm	Height h1 mm	Height top of terminals h1 max. mm	Height over terminals h2 mm	Weight approx. kg	Internal resistance acc. IEC896-2 mOhm	Short circuit current acc. IEC896-2 A	Max. Load approx. A	Max. perm current 5 secs. A	Terminal	VDS-approved
A512/85 A*	NGA5120085HS0CA	12	85	330	171	213	213	236	30	6.2	2017	600	2600	A-Terminal	*VdS-approved,

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
NGA5120085HS0CA	A512/85A	1.85	168.0	141.0	119.0	100.0	78.0	53.0	30.0	22.0	14.2	9.4	7.7
NGA5120085HS0CA	A512/85A	1.80	193.0	154.0	135.0	112.0	85.0	56.0	32.0	23.0	14.7	9.8	8.0
NGA5120085HS0CA	A512/85A	1.75	226.0	169.0	144.0	120.0	90.0	58.0	33.0	23.0	15.0	9.9	8.1
NGA5120085HS0CA	A512/85A	1.70	244.0	182.0	149.0	125.0	93.0	59.0	33.0	23.0	15.1	9.9	8.1
NGA5120085HS0CA	A512/85A	1.65	259.0	192.0	152.0	128.0	94.0	59.0	33.0	24.0	15.1	9.9	8.1
NGA5120085HS0CA	A512/85A	1.60	273.0	199.0	155.0	130.0	95.0	60.0	33.0	23.0	15.1	9.9	8.1

## 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
NGA5120085HS0CA	A512/85A	1.85	1978	1802	1526	1310	1118	905.0	690.0	565.0	425.0
NGA5120085HS0CA	A512/85A	1.80	2278	2132	1684	1486	1244	970.0	740.0	600.0	447.0
NGA5120085HS0CA	A512/85A	1.75	2560	2292	1846	1556	1328	1018	768.0	621.0	460.0
NGA5120085HS0CA	A512/85A	1.70	2900	2486	1992	1606	1380	1044	786.0	634.0	469.0
NGA5120085HS0CA	A512/85A	1.65	3114	2718	2108	1662	1410	1060	797.0	642.0	474.0
NGA5120085HS0CA	A512/85A	1.60	3264	2922	2190	1700	1426	1068	804.0	648.0	477.0