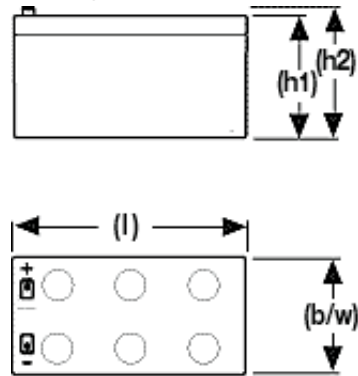


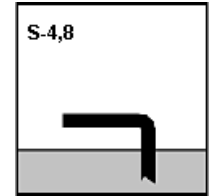
Sonnenschein A512/1,2 S* data sheet



Drawing:



Terminal:



Meets: UL94 HB *VdS-approved,

Specifications:

Exide type designation	Part number	Nom. Voltage V	Nominal capacity C ₂₀ 1.75 VpC 20°C Ah	Length l mm	Width b/w mm	Height h1 mm	Height top of cover 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
A512/1,2 S*	NGA51201D2HS0SA	12	1.2	97.5	49.5	51	51	54.9	0.65	330	38	40	240	S-4,8	*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
NGA51201D2HS0SA	A512/1,2S	1.85	3.5	2.4	1.9	1.6	1.2	0.8	0.5	0.3	0.2	0.1	0.1
NGA51201D2HS0SA	A512/1,2S	1.80	3.9	2.7	2.1	1.7	1.3	0.8	0.5	0.4	0.2	0.1	0.1
NGA51201D2HS0SA	A512/1,2S	1.75	4.1	2.8	2.2	1.7	1.3	0.8	0.5	0.4	0.2	0.1	0.1
NGA51201D2HS0SA	A512/1,2S	1.70	4.3	2.9	2.2	1.8	1.3	0.8	0.5	0.4	0.2	0.1	0.1
NGA51201D2HS0SA	A512/1,2S	1.65	4.5	3.0	2.2	1.8	1.3	0.8	0.5	0.4	0.2	0.1	0.1
NGA51201D2HS0SA	A512/1,2S	1.60	4.7	3.0	2.2	1.8	1.3	0.8	0.5	0.4	0.2	0.1	0.1

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
NGA51201D2HS0SA	A512/1,2S	1.85	42.7	34.4	24.3	20.7	17.2	13.2	9.8	8.0	5.9
NGA51201D2HS0SA	A512/1,2S	1.80	47.0	38.3	26.5	21.7	18.1	13.7	10.2	8.2	6.0
NGA51201D2HS0SA	A512/1,2S	1.75	50.1	41.4	28.0	22.2	18.6	14.0	10.3	8.3	6.1
NGA51201D2HS0SA	A512/1,2S	1.70	53.7	43.7	28.8	22.4	18.8	14.1	10.4	8.4	6.1
NGA51201D2HS0SA	A512/1,2S	1.65	56.4	45.3	29.4	22.5	18.9	14.2	10.5	8.4	6.1
NGA51201D2HS0SA	A512/1,2S	1.60	58.4	46.2	29.7	22.5	19.0	14.2	10.5	8.4	6.2