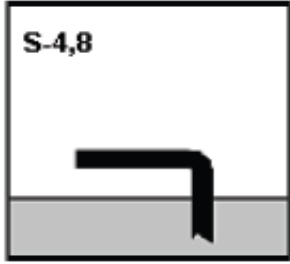


# Sonnenschein – A512/1.2 S data sheet

## Terminal



## Specifications:

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

GNB type designation	Nom. Voltage V	Nom. capacity C <sub>20</sub> 1.75Vpc 20°C Ah	Length (l) max. mm	Width (b/w) max. mm	Height top of cover (h1) max. mm	Height over terminals (h2) max. mm	Weight approx. kg	Internal resistance mOhm	Short circuit current A	Max. Load approx. A	Max. perm current 5 secs. A	Terminal
A512/1.2 S	12	1.20	97.5	49.5	51	54.9	0.65	330	38	40	240	S-4.8

## Constant-current discharge in A @ 20 °C

Part number	Vpc	5 min	10 min	15 min	20 min	30 min	1 h	2 h	3 h	5 h	8 h	10 h
NGA51201D2HSOSA	1.85	3.52	2.44	1.92	1.58	1.20	0.75	0.49	0.34	0.21	0.13	0.10
NGA51201D2HSOSA	1.80	3.92	2.67	2.07	1.69	1.26	0.77	0.51	0.35	0.21	0.13	0.10
NGA51201D2HSOSA	1.75	4.12	2.82	2.15	1.74	1.30	0.78	0.51	0.35	0.22	0.13	0.10
NGA51201D2HSOSA	1.70	4.32	2.91	2.19	1.77	1.31	0.79	0.52	0.35	0.22	0.13	0.10
NGA51201D2HSOSA	1.65	4.52	2.96	2.22	1.79	1.32	0.80	0.52	0.36	0.22	0.13	0.10
NGA51201D2HSOSA	1.60	4.66	3.00	2.24	1.80	1.33	0.80	0.52	0.36	0.22	0.13	0.10

## Constant-power discharge in W/block @ 20 °C

Part number	Vpc	3 min	5 min	10 min	15 min	20 min	30 min	45 min	1 h	1.5 h
NGA51201D2HSOSA	1.85	42.7	34.4	24.3	20.7	17.2	13.2	9.80	8.00	5.90
NGA51201D2HSOSA	1.80	47.0	38.3	26.5	21.7	18.1	13.7	10.2	8.20	6.00
NGA51201D2HSOSA	1.75	50.1	41.4	28.0	22.2	18.6	14.0	10.3	8.30	6.10
NGA51201D2HSOSA	1.70	53.7	43.7	28.8	22.4	18.8	14.1	10.4	8.40	6.10
NGA51201D2HSOSA	1.65	56.4	45.3	29.4	22.5	18.9	14.2	10.5	8.40	6.10
NGA51201D2HSOSA	1.60	58.4	46.2	29.7	22.5	19.0	14.2	10.5	8.40	6.20

## Sonnenschein A512/1.2 S drawing

