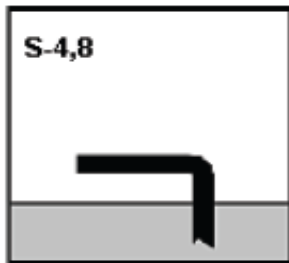


# Sonnenschein – A512/3.5 S data sheet

## 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
A512/3.5 S	12	3.50	135	66.8	60.5	64.4	1.50	142	88	60	300	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
NGA51203D5HSOSA	1.85	9.50	6.70	5.50	4.50	3.40	2.10	1.40	0.95	0.60	0.39	0.32
NGA51203D5HSOSA	1.80	10.6	7.40	6.00	4.90	3.70	2.20	1.40	0.98	0.62	0.40	0.33
NGA51203D5HSOSA	1.75	11.3	7.90	6.20	5.10	3.80	2.30	1.40	0.99	0.62	0.41	0.34
NGA51203D5HSOSA	1.70	12.1	8.30	6.30	5.20	3.90	2.30	1.40	1.00	0.63	0.41	0.34
NGA51203D5HSOSA	1.65	12.7	8.50	6.50	5.30	3.90	2.30	1.40	1.01	0.63	0.41	0.34
NGA51203D5HSOSA	1.60	13.1	8.70	6.50	5.30	3.90	2.30	1.40	1.01	0.63	0.41	0.34

## 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
NGA51203D5HSOSA	1.85	124	102	77.0	63.0	52.0	40.0	33.0	26.0	18.0
NGA51203D5HSOSA	1.80	136	114	84.0	66.0	56.0	42.0	34.0	27.0	19.0
NGA51203D5HSOSA	1.75	146	123	89.0	69.0	59.0	44.0	35.0	27.0	19.0
NGA51203D5HSOSA	1.70	159	131	92.0	72.0	60.0	45.0	35.0	28.0	20.0
NGA51203D5HSOSA	1.65	170	137	93.0	73.0	61.0	45.0	35.0	28.0	20.0
NGA51203D5HSOSA	1.60	178	139	95.0	74.0	61.0	45.0	36.0	28.0	20.0

## Sonnenschein A512/3.5 S drawing

