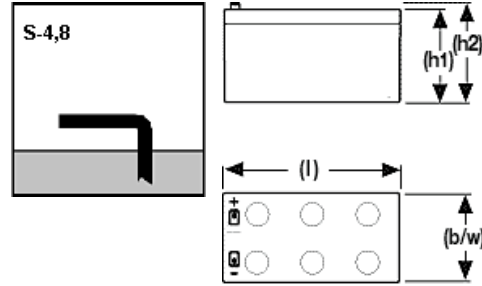


Sonnenschein – A512/1.2 S* data sheet



Terminal: Drawing:



Specifications:

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

[Switch to: Discharge at 25 °C/inches/lb](#)

| Exide type designation | Nom. Voltage V | Nom. capacity C ₂₀ 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 | VdS-approved |
|------------------------|----------------|---|--------------------|---------------------|----------------------------------|------------------------------------|-------------------|--------------------------|-------------------------|---------------------|-----------------------------|----------|----------------|
| A512/1.2 S* | 12 | 1.20 | 97.5 | 49.5 | 51 | 54.9 | 0.65 | 330 | 38 | 40 | 240 | S-4.8 | *VdS-approved, |

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 |
|-----------------|------|-------|--------|--------|--------|--------|------|------|------|------|------|------|
| NGA51201D2HS0SA | 1.85 | 3.52 | 2.44 | 1.92 | 1.58 | 1.20 | 0.75 | 0.49 | 0.34 | 0.21 | 0.13 | 0.10 |
| NGA51201D2HS0SA | 1.80 | 3.92 | 2.67 | 2.07 | 1.69 | 1.26 | 0.77 | 0.51 | 0.35 | 0.21 | 0.13 | 0.10 |
| NGA51201D2HS0SA | 1.75 | 4.12 | 2.82 | 2.15 | 1.74 | 1.30 | 0.78 | 0.51 | 0.35 | 0.22 | 0.13 | 0.10 |
| NGA51201D2HS0SA | 1.70 | 4.32 | 2.91 | 2.19 | 1.77 | 1.31 | 0.79 | 0.52 | 0.35 | 0.22 | 0.13 | 0.10 |
| NGA51201D2HS0SA | 1.65 | 4.52 | 2.96 | 2.22 | 1.79 | 1.32 | 0.80 | 0.52 | 0.36 | 0.22 | 0.13 | 0.10 |
| NGA51201D2HS0SA | 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 |
|-----------------|------|-------|-------|--------|--------|--------|--------|--------|------|-------|
| NGA51201D2HS0SA | 1.85 | 42.7 | 34.4 | 24.3 | 20.7 | 17.2 | 13.2 | 9.80 | 8.00 | 5.90 |
| NGA51201D2HS0SA | 1.80 | 47.0 | 38.3 | 26.5 | 21.7 | 18.1 | 13.7 | 10.2 | 8.20 | 6.00 |
| NGA51201D2HS0SA | 1.75 | 50.1 | 41.4 | 28.0 | 22.2 | 18.6 | 14.0 | 10.3 | 8.30 | 6.10 |
| NGA51201D2HS0SA | 1.70 | 53.7 | 43.7 | 28.8 | 22.4 | 18.8 | 14.1 | 10.4 | 8.40 | 6.10 |
| NGA51201D2HS0SA | 1.65 | 56.4 | 45.3 | 29.4 | 22.5 | 18.9 | 14.2 | 10.5 | 8.40 | 6.10 |
| NGA51201D2HS0SA | 1.60 | 58.4 | 46.2 | 29.7 | 22.5 | 19.0 | 14.2 | 10.5 | 8.40 | 6.20 |