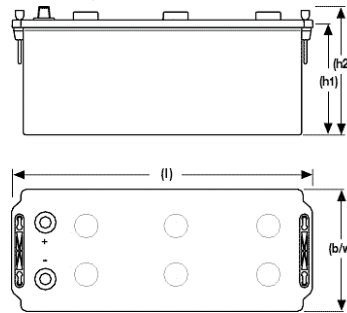


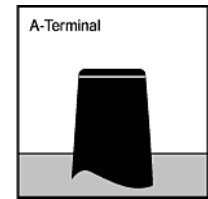
Sonnenschein A412/120 A data sheet



Drawing:



Terminal:



Meets: UL94 HB

Specifications:

Exide type designation	Part number	Nom. Voltage V	Nominal capacity C ₁₀ 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
A412/120 A	NGA4120120HS0CA	12	120	513	223	195	195	223	48.5	5.7	2118	770	2600	A-Terminal

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	45min	1h	2h	3h	4h	5h	8h	10h
NGA4120120HS0CA	A412/120A	1.85	175.0	138.0	120.0	108.0	95.0	78.0	61.0	37.0	27.5	22.3	18.9	13.0	11.3
NGA4120120HS0CA	A412/120A	1.80	202.0	155.0	133.0	119.0	102.0	85.0	67.0	39.0	28.7	23.0	19.4	13.2	12.0
NGA4120120HS0CA	A412/120A	1.75	233.0	174.0	145.0	127.0	106.0	88.0	69.0	40.0	29.1	23.3	19.5	13.2	12.0
NGA4120120HS0CA	A412/120A	1.70	280.0	200.0	160.0	136.0	109.0	90.0	70.0	40.0	29.3	23.4	19.6	13.2	12.0
NGA4120120HS0CA	A412/120A	1.65	311.0	217.0	169.0	142.0	111.0	91.0	71.0	41.0	29.4	23.4	19.6	13.2	12.0
NGA4120120HS0CA	A412/120A	1.60	333.0	228.0	175.0	146.0	112.0	91.0	71.0	41.0	29.5	23.4	19.6	13.2	12.0

Constant-power discharge in W/block (at 20 °C):

Part number	Exide type designation	VpC	2min	3min	5min	7min	10min	15min	20min	30min	45min	1h	2h	3h
NGA4120120HS0CA	A412/120A	1.85	2418	2254	1964	1772	1574	1384	1272	1108	914.0	745.0	410.0	300.0
NGA4120120HS0CA	A412/120A	1.80	2958	2668	2286	2026	1768	1496	1346	1146	971.0	802.0	446.0	326.0
NGA4120120HS0CA	A412/120A	1.75	3452	3084	2592	2262	1940	1610	1386	1176	997.0	829.0	460.0	329.0
NGA4120120HS0CA	A412/120A	1.70	3820	3500	2938	2496	2090	1698	1440	1194	1008	840.0	460.0	330.0
NGA4120120HS0CA	A412/120A	1.65	4110	3798	3170	2682	2194	1756	1474	1204	1012	845.0	460.0	331.0
NGA4120120HS0CA	A412/120A	1.60	4296	3942	3330	2778	2260	1790	1494	1210	1014	847.0	460.0	332.0