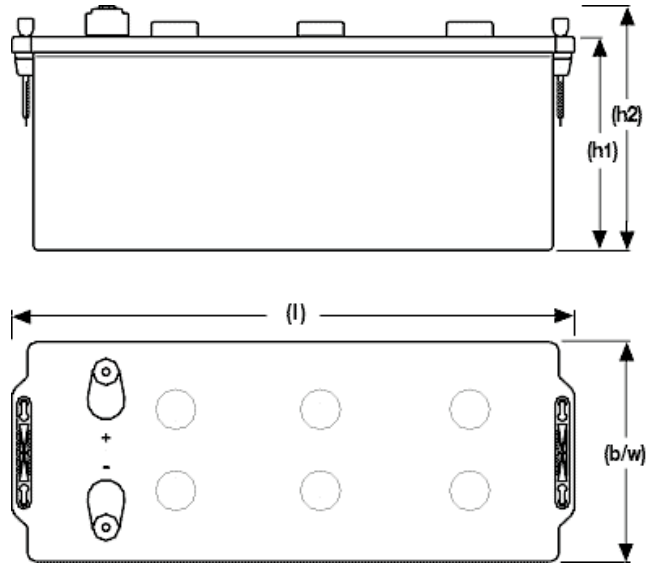
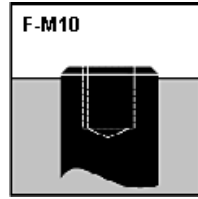


# Sonnenschein – A412/120 F10 data sheet



## 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 <sub>10</sub> 1.80 Vpc 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
A412/120 F10	12	120	513	223	195	223	46.0	5.7	2118	770	2600	F-M10

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

Part number	Vpc	5 min	10 min	15 min	20 min	30 min	45 min	1 h	1,5 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h	20 h
NGA4120120HS0FA	1.85	175	138	120	108	95.0	78.0	61.0	48.8	37.0	27.5	22.2	18.9	16.4	12.9	11.3	6.17
NGA4120120HS0FA	1.80	201	155	133	119	102	85.0	67.0	51.2	39.0	28.7	23.0	19.4	17.0	13.1	12.0	6.40
NGA4120120HS0FA	1.75	233	174	145	127	106	88.0	69.0	52.2	40.0	29.1	23.2	19.5	17.3	13.2	12.0	6.53
NGA4120120HS0FA	1.70	280	200	160	136	109	90.0	70.0	53.3	40.0	29.3	23.3	19.5	17.7	13.2	12.0	6.66
NGA4120120HS0FA	1.65	311	217	169	142	111	91.0	71.0	54.4	41.0	29.4	23.4	19.6	18.1	13.2	12.0	6.79
NGA4120120HS0FA	1.60	333	228	175	146	112	91.0	71.0	55.2	41.0	29.4	23.4	19.6	18.4	13.2	12.0	6.91

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

Part number	Vpc	2 min	3 min	5 min	7 min	10 min	15 min	20 min	30 min	45 min	1 h	1,5 h	2 h	3 h	4 h	5 h	8 h	10 h	20 h
NGA4120120HS0FA	1.85	2417	2253	1963	1773	1574	1384	1272	1109	914	745	608	410	300	296	245	164	136	75.7
NGA4120120HS0FA	1.80	2958	2667	2286	2026	1769	1496	1346	1146	971	802	629	446	326	310	256	171	141	77.8
NGA4120120HS0FA	1.75	3453	3084	2593	2262	1940	1609	1387	1176	997	829	646	460	329	316	261	173	143	78.8
NGA4120120HS0FA	1.70	3821	3501	2938	2497	2089	1699	1441	1195	1008	840	657	460	330	320	263	175	144	79.3
NGA4120120HS0FA	1.65	4111	3798	3170	2682	2193	1756	1474	1205	1012	844	665	460	331	322	265	176	145	79.7
NGA4120120HS0FA	1.60	4296	3942	3330	2779	2260	1791	1494	1210	1014	846	669	460	332	323	266	177	146	80.0