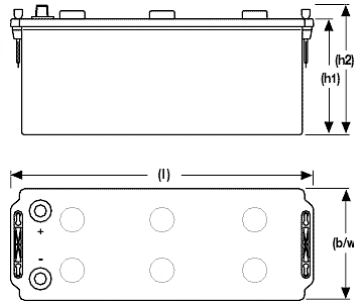


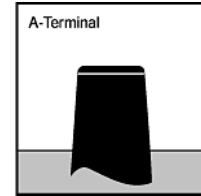
Sonnenschein A412/100 A data sheet



Drawing:



Terminal:



Meets: UL94 HB

Specifications:

Type	Part number	Nom. Voltage	C10 1,80 VpC 20° C Ah	Short circuit current acc. IEC896/2	Length mm	Width mm	Height mm	Height top of cover mm	Height over terminals mm	Weight Kg.	Internal resistance acc. IEC896/2 mOhm	Max. Load approx. A	Max. perm current 5 secs. A	Terminal
A412/100 A	NGA4120100HS0CA	12	100	1777	513	189	195	195	223	39.5	6.9	770	2600	A- Terminal

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

Constant-current discharge in A (@20°C):

Part number	Type	Volt	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	8h	10h
NGA4120100HS0CA	A412/100A	1.85	144.0	124.0	105.0	93.0	72.0	56.0	46.0	31.0	23.5	17.9	15.2	10.8	9.6
NGA4120100HS0CA	A412/100A	1.80	176.0	150.0	125.0	104.0	81.0	62.0	50.0	32.0	24.1	18.7	15.9	11.3	10.0
NGA4120100HS0CA	A412/100A	1.75	194.0	160.0	134.0	112.0	86.0	65.0	52.0	33.0	24.8	19.2	16.3	11.4	10.0
NGA4120100HS0CA	A412/100A	1.70	213.0	171.0	141.0	117.0	89.0	67.0	53.0	34.0	25.1	19.4	17.0	11.4	10.0
NGA4120100HS0CA	A412/100A	1.65	232.0	178.0	146.0	120.0	90.0	68.0	54.0	34.0	25.3	19.5	17.0	11.4	10.0
NGA4120100HS0CA	A412/100A	1.60	253.0	183.0	149.0	121.0	91.0	69.0	54.0	34.0	25.4	19.6	17.0	11.4	10.0

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

Part number	Type	Volt	2min	3min	5min	7min	10min	15min	20min	30min	45min	1h	2h	3h
NGA4120100HS0CA	A412/100A	1.85	1,873.0	1,792.0	1,625.0	1,482.0	1,329.0	1,144.0	1,048.0	861.0	674.0	567.0	335.0	252.0
NGA4120100HS0CA	A412/100A	1.80	2,076.0	1,986.0	1,828.0	1,644.0	1,454.0	1,236.0	1,112.0	935.0	719.0	597.0	364.0	274.0
NGA4120100HS0CA	A412/100A	1.75	2,498.0	2,364.0	2,139.0	1,928.0	1,636.0	1,348.0	1,176.0	972.0	742.0	613.0	383.0	280.0
NGA4120100HS0CA	A412/100A	1.70	2,792.0	2,604.0	2,347.0	2,090.0	1,749.0	1,414.0	1,216.0	987.0	752.0	620.0	385.0	282.0
NGA4120100HS0CA	A412/100A	1.65	3,108.0	2,827.0	2,475.0	2,216.0	1,831.0	1,459.0	1,242.0	993.0	756.0	623.0	387.0	283.0
NGA4120100HS0CA	A412/100A	1.60	3,354.0	2,992.0	2,567.0	2,301.0	1,885.0	1,488.0	1,258.0	999.0	759.0	625.0	388.0	284.0