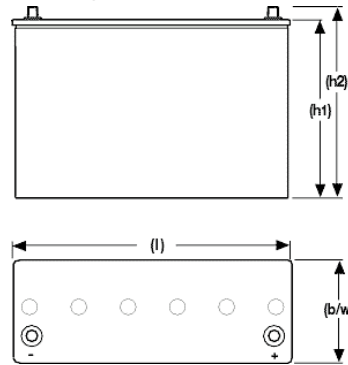


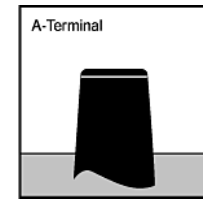
Sonnenschein A512/55 A data sheet



Drawing:



Terminal:



Meets: UL94 HB

Specifications:

Type	Part number	Nom. Voltage	C20 1,75 VpC 20° C IEC896/2 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
A512/55 A	NGA5120055HS0CA	12	55	1403	261	135	208	208	230	19	8.9	400	1500	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	1h	2h	3h	5h	8h	10h
NGA5120055HS0CA	A512/55A	1.85	99.2	83.1	70.1	59.1	46.4	32.7	18.9	13.6	9.0	6.0	4.9
NGA5120055HS0CA	A512/55A	1.80	114.9	89.8	78.7	65.3	50.2	34.2	19.5	14.0	9.2	6.1	5.0
NGA5120055HS0CA	A512/55A	1.75	139.7	99.0	84.3	69.5	52.5	35.0	19.9	14.2	9.3	6.2	5.1
NGA5120055HS0CA	A512/55A	1.70	151.6	106.7	86.8	72.0	53.9	35.5	20.1	14.3	9.3	6.2	5.1
NGA5120055HS0CA	A512/55A	1.65	161.2	112.3	88.4	73.6	54.7	35.7	20.2	14.4	9.3	6.2	5.1
NGA5120055HS0CA	A512/55A	1.60	169.8	116.2	89.3	74.6	55.2	35.8	20.2	14.4	9.3	6.2	5.1

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

Part number	Type	Volt	3min	5min	10min	15min	20min	30min	45min	1h	1_5h
NGA5120055HS0CA	A512/55A	1.85	1,348.0	1,172.0	922.0	844.0	718.0	572.0	457.0	367.0	269.0
NGA5120055HS0CA	A512/55A	1.80	1,555.0	1,362.0	1,014.0	888.0	777.0	606.0	478.0	382.0	278.0
NGA5120055HS0CA	A512/55A	1.75	1,799.0	1,496.0	1,102.0	917.0	813.0	626.0	489.0	388.0	281.0
NGA5120055HS0CA	A512/55A	1.70	1,912.0	1,624.0	1,163.0	935.0	834.0	636.0	493.0	392.0	283.0
NGA5120055HS0CA	A512/55A	1.65	2,005.0	1,726.0	1,204.0	945.0	845.0	642.0	496.0	394.0	284.0
NGA5120055HS0CA	A512/55A	1.60	2,107.0	1,800.0	1,231.0	957.0	851.0	645.0	498.0	395.0	285.0