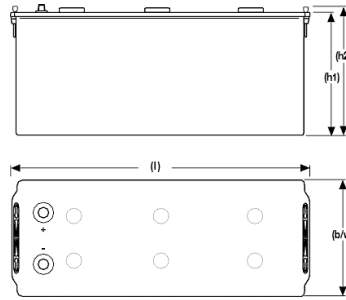


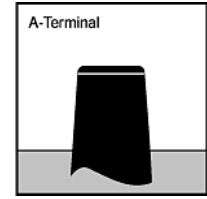
# Sonnenschein A512/120 A data sheet



Drawing:



Terminal:



Meets: UL94 HB

**Specifications:**

Type	Part number	Nom. Voltage	C20 1,75 VpC 20° C IEC896/2 Ah	Short circuit current acc.	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
A512/120 A	NGA5120120HS0CA	12	120	2475	513	189	195	195	223	41	5.2	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	1h	2h	3h	5h	8h	10h
NGA5120120HS0CA	A512/120A	1.85	257.0	201.0	162.0	135.0	104.0	65.5	39.3	27.8	18.1	11.9	9.8
NGA5120120HS0CA	A512/120A	1.80	293.0	221.0	178.0	147.0	112.0	69.5	40.9	28.9	18.6	12.3	10.2
NGA5120120HS0CA	A512/120A	1.75	330.0	235.0	188.0	155.0	116.0	71.6	41.9	29.5	19.0	12.6	10.5
NGA5120120HS0CA	A512/120A	1.70	367.0	249.0	196.0	161.0	119.0	73.1	42.7	29.9	19.2	12.8	10.5
NGA5120120HS0CA	A512/120A	1.65	387.0	260.0	201.0	165.0	122.0	74.0	43.1	30.1	19.2	12.8	10.5
NGA5120120HS0CA	A512/120A	1.60	409.0	267.0	205.0	168.0	124.0	74.7	43.3	30.2	19.2	12.8	10.5

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

Part number	Type	Volt	3min	5min	10min	15min	20min	30min	45min	1h	1_5h
NGA5120120HS0CA	A512/120A	1.85	3,350.0	2,862.0	2,300.0	1,895.0	1,583.0	1,200.0	938.0	757.0	583.0
NGA5120120HS0CA	A512/120A	1.80	3,763.0	3,276.0	2,543.0	2,027.0	1,720.0	1,285.0	966.0	794.0	608.0
NGA5120120HS0CA	A512/120A	1.75	4,237.0	3,552.0	2,627.0	2,134.0	1,800.0	1,334.0	989.0	815.0	622.0
NGA5120120HS0CA	A512/120A	1.70	4,536.0	3,800.0	2,690.0	2,201.0	1,849.0	1,365.0	1,008.0	830.0	632.0
NGA5120120HS0CA	A512/120A	1.65	4,847.0	4,002.0	2,761.0	2,246.0	1,883.0	1,387.0	1,022.0	843.0	640.0
NGA5120120HS0CA	A512/120A	1.60	5,135.0	4,156.0	2,812.0	2,276.0	1,906.0	1,403.0	1,032.0	852.0	646.0

