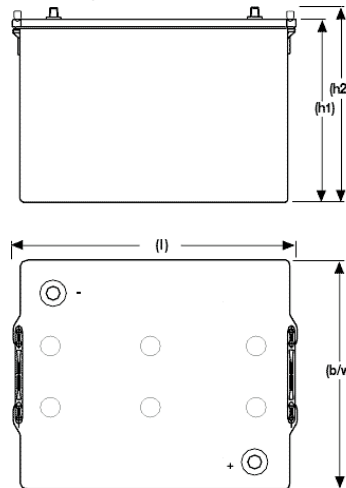


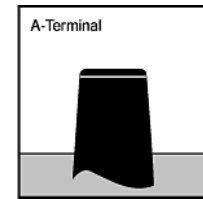
Sonnenschein A512/115 A data sheet



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
A512/115 A	NGA5120115HS0CA	12	115	2660	286	269	208	208	230	40	4.6	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
NGA5120115HS0CA	A512/115A	1.85	210.0	179.0	152.0	128.0	100.0	60.0	36.0	26.0	18.0	12.0	10.1
NGA5120115HS0CA	A512/115A	1.80	244.0	192.0	170.0	140.0	107.0	64.0	38.0	27.0	18.0	13.0	10.4
NGA5120115HS0CA	A512/115A	1.75	282.0	204.0	179.0	148.0	112.0	66.0	39.0	28.0	19.0	13.0	10.5
NGA5120115HS0CA	A512/115A	1.70	310.0	215.0	183.0	153.0	114.0	67.0	39.0	28.0	19.0	13.0	10.5
NGA5120115HS0CA	A512/115A	1.65	332.0	222.0	186.0	156.0	116.0	67.0	39.0	28.0	19.0	13.0	10.5
NGA5120115HS0CA	A512/115A	1.60	343.0	227.0	187.0	158.0	117.0	68.0	40.0	28.0	19.0	13.0	10.5

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

Part number	Type	Volt	3min	5min	10min	15min	20min	30min	45min	1h	1_5h
NGA5120115HS0CA	A512/115A	1.85	2,808.0	2,531.0	2,009.0	1,705.0	1,439.0	1,155.0	872.0	702.0	512.0
NGA5120115HS0CA	A512/115A	1.80	3,189.0	2,873.0	2,190.0	1,888.0	1,569.0	1,209.0	926.0	739.0	535.0
NGA5120115HS0CA	A512/115A	1.75	3,642.0	3,101.0	2,374.0	1,986.0	1,653.0	1,255.0	956.0	759.0	547.0
NGA5120115HS0CA	A512/115A	1.70	4,106.0	3,361.0	2,511.0	2,030.0	1,703.0	1,281.0	971.0	770.0	553.0
NGA5120115HS0CA	A512/115A	1.65	4,304.0	3,582.0	2,603.0	2,057.0	1,732.0	1,296.0	980.0	776.0	557.0
NGA5120115HS0CA	A512/115A	1.60	4,467.0	3,755.0	2,665.0	2,073.0	1,750.0	1,306.0	985.0	780.0	560.0