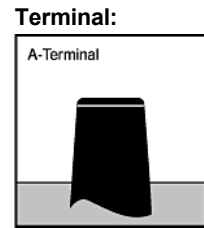
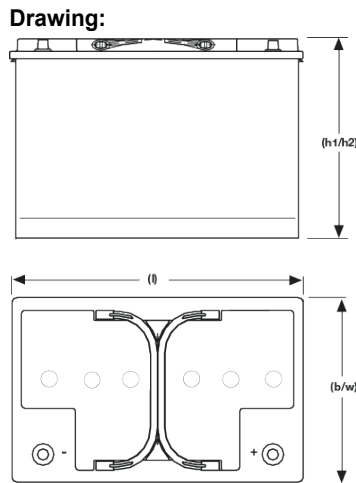


# Sonnenschein A412/50 A data sheet



Meets: UL94 HB

## Specifications:

Type	Part number	Nom. Voltage	C10 1,80 VpC 20° C	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
A412/50 A	NGA4120050HS0CA	12	50	1220	278	175	190	190	190	19.5	10	440	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	45min	1h	2h	3h	4h	5h	8h	10h
NGA4120050HS0CA	A412/50A	1.85	81.0	68.0	57.0	51.0	42.0	34.0	28.0	18.0	12.8	10.2	8.5	5.7	4.8
NGA4120050HS0CA	A412/50A	1.80	98.0	81.0	66.0	57.0	46.0	37.0	29.0	19.0	13.3	10.5	8.8	5.9	5.0
NGA4120050HS0CA	A412/50A	1.75	109.0	90.0	73.0	61.0	48.0	38.0	30.0	19.0	13.5	10.7	8.9	6.0	5.0
NGA4120050HS0CA	A412/50A	1.70	122.0	94.0	77.0	64.0	49.0	39.0	31.0	19.0	13.6	10.7	8.9	6.0	5.0
NGA4120050HS0CA	A412/50A	1.65	133.0	98.0	79.0	66.0	50.0	39.0	31.0	19.0	13.6	10.7	8.9	6.0	5.0
NGA4120050HS0CA	A412/50A	1.60	144.0	101.0	81.0	67.0	51.0	40.0	31.0	19.0	13.6	10.7	8.9	6.0	5.0

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

Part number	Type	Volt	2min	3min	5min	7min	10min	15min	20min	30min	45min	1h	2h	3h
NGA4120050HS0CA	A412/50A	1.85	1,149.0	1,075.0	1,002.0	949.0	876.0	785.0	699.0	590.0	458.0	376.0	193.0	139.0
NGA4120050HS0CA	A412/50A	1.80	1,385.0	1,269.0	1,135.0	1,041.0	969.0	862.0	770.0	626.0	493.0	400.0	210.0	151.0
NGA4120050HS0CA	A412/50A	1.75	1,591.0	1,480.0	1,293.0	1,148.0	1,032.0	923.0	819.0	653.0	511.0	413.0	215.0	152.0
NGA4120050HS0CA	A412/50A	1.70	1,734.0	1,584.0	1,406.0	1,234.0	1,079.0	956.0	849.0	669.0	520.0	419.0	216.0	153.0
NGA4120050HS0CA	A412/50A	1.65	1,931.0	1,747.0	1,480.0	1,309.0	1,120.0	991.0	866.0	677.0	524.0	422.0	217.0	153.0
NGA4120050HS0CA	A412/50A	1.60	2,216.0	1,989.0	1,583.0	1,363.0	1,151.0	1,001.0	875.0	682.0	526.0	423.0	218.0	154.0