

STC311x fuel gauge parameters

Description	Parameter	Example 1 (Default re	Example 2	Example 3	Example 4
Battery nominal Capacity	Cnom (mAh)	1957	1650	1500	1200
Battery internal Impedance	Rint (mOhms)	160	190	250	200
Current sensing external resisto	Rsense (mOhms)	10	10	10	20
Formula: $VM_CNF = Ri * Cnom / 977.78$					
Voltage Mode config	VM_CNF	320.2356	320.6243	383.5219	245.454
Formula: $CC_CNF = Rsense * Cnom / 49.556$					
Coulomb Counter config	CC_CNF	394.9068	332.9567	302.6879	484.3006

Legends:

	input data
	output (result)

Default value at reset, from dat: CC_CNF = 395
VM_CNF = 321