

IN2xx code Zanduino library SensESP INA2xx
 Setting of Max Expected Amps and Shunt values, testing of code with INA219 24th January 2021

		Max Amps Expected settings					
Shunt Ohms	Shunt Micro Ohms	Theoretical Max Amps			Real Max Amps Setting		
		Does not work Setting too low	Works okay		Minimum	Max	
0.1	100000	0.2	0.25	3.2	0.3	3.2	
0.01	10000	2	2.5	32	3	30	
0.001	1000	20	25	320	30	300	
0.0001	100	200	250	3200	300	1000	

For example with Shunt Micro Ohms set to 100, it is important to set Max Expected Amps to at least 300Amps
 (if not the calculation of Amps and power will go wrong)