COP calculation

Primary Battery			Charge Battery		
Voltage fully charged @ rest	13.08	V	Amperage draw @ discharge	1	Α
			Time discharging	1	h
Charging charge battery				3600	s
Current draw	1.6	Α	Voltage after discharging 1Ah @ rest	12.58	V
Time	29	m			
	1740	s	Voltage after charging @ rest afer 1h	12.81	V
Votlage under load @ start	12.54	V			
Votlage under load @ end	12.52	V	Average voltage based on voltage @ rest	12.70	٧
			Power based on average voltages @ rest	12.70	W
Voltage after charging @ rest after 1h	12.87	V	Energy based on average voltages @ rest	45.70	kJ
Average voltage based on voltages @ rest	12.98	V			
Power based on average voltage @ rest	20.76	W			
Energy based on average voltage @ rest	36.12	kJ	Energy COP (average voltages batteries @ rest)	1.27	-
Average voltage based on voltages @ load	12.53	V			
Power based on average voltage @ load	20.05	W			
			Energy COP (average votlages, Primary @ load /		
Energy based on average voltage @ load	34.88	kJ	Charge @ rest)	1.31	-

Resistor experiment

