

Reporte de Monitoreo de Voltaje del Regulador

Datos de las Mediciones (muestra representativa)

Hora	Voltaje (V)	Error absoluto (V)	Error relativo
0:00:00	130.81	3.8100	0.0300
0:30:00	130.55	3.5500	0.0280
1:00:00	130.45	3.4500	0.0272
1:30:00	130.00	3.0000	0.0236
2:00:00	130.00	3.0000	0.0236
2:30:00	129.65	2.6500	0.0209
3:00:00	129.78	2.7800	0.0219
3:30:00	129.50	2.5000	0.0197
4:00:00	129.50	2.5000	0.0197
4:30:00	128.00	1.0000	0.0079
5:00:00	126.74	0.2600	0.0020
5:30:00	130.00	3.0000	0.0236
6:00:00	125.85	1.1500	0.0091
6:30:00	126.89	0.1100	0.0009
7:00:00	125.00	2.0000	0.0157
7:30:00	124.55	2.4500	0.0193
8:00:00	124.14	2.8600	0.0225
8:30:00	126.63	0.3700	0.0029
9:00:00	126.88	0.1200	0.0009
9:30:00	127.00	0.0000	0.0000
10:00:00	127.00	0.0000	0.0000
10:30:00	130.00	3.0000	0.0236
11:00:00	127.00	0.0000	0.0000
11:30:00	128.78	1.7800	0.0140
12:00:00	128.88	1.8800	0.0148
12:30:00	128.90	1.9000	0.0150
13:00:00	129.00	2.0000	0.0157
13:30:00	129.55	2.5500	0.0201
14:00:00	129.65	2.6500	0.0209
14:30:00	130.00	3.0000	0.0236

15:00:00	130.50	3.5000	0.0276
15:30:00	130.56	3.5600	0.0280
16:00:00	130.86	3.8600	0.0304
16:30:00	128.00	1.0000	0.0079
17:00:00	125.00	2.0000	0.0157
17:30:00	128.00	1.0000	0.0079
18:00:00	128.80	1.8000	0.0142
18:30:00	128.75	1.7500	0.0138
19:00:00	127.56	0.5600	0.0044
19:30:00	127.55	0.5500	0.0043
20:00:00	127.00	0.0000	0.0000
20:30:00	127.00	0.0000	0.0000
21:00:00	127.00	0.0000	0.0000
21:30:00	129.00	2.0000	0.0157
22:00:00	129.00	2.0000	0.0157
22:30:00	129.00	2.0000	0.0157
23:00:00	129.90	2.9000	0.0228
23:30:00	129.50	2.5000	0.0197

Resultados Estadísticos

Media aritmética: 128.4096

Mediana: 128.8900

Moda: 127.0000

Desviación promedio: 1.4751

Desviación estándar: 1.7496

Varianza: 3.0612

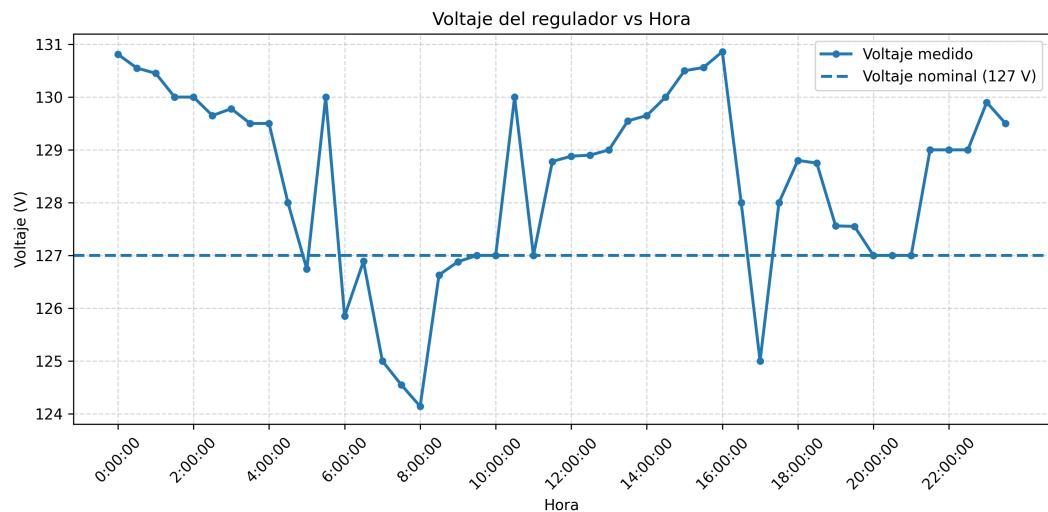
Rango: 6.7200

Coeficiente de variación: 0.0136

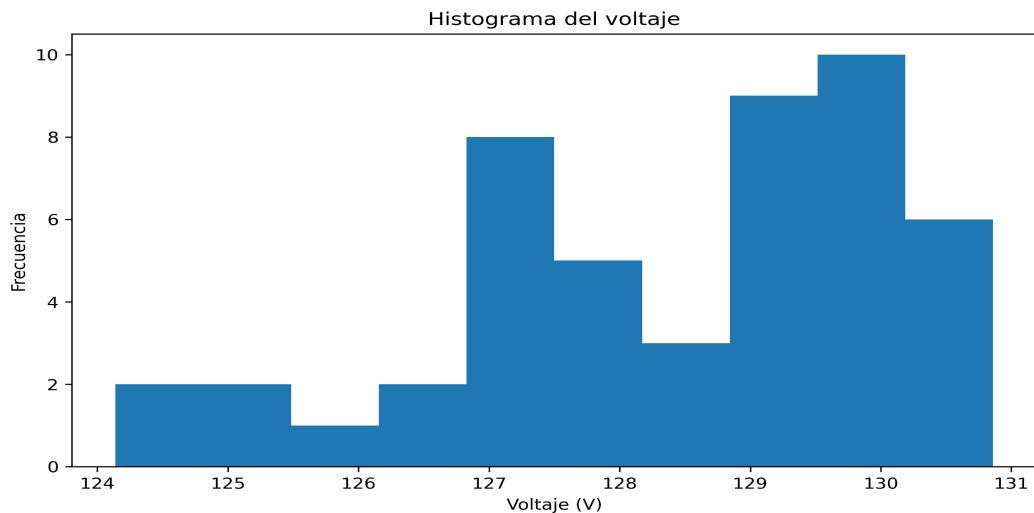
Semi-intercuartil: 1.4050

Gráficas

Voltaje vs Hora



Histograma del Voltaje



Edgar Alejandro Cedeño Suarez - Jesus Abraham Robledo Lopez