

# Configurator sistem hibrid izolat

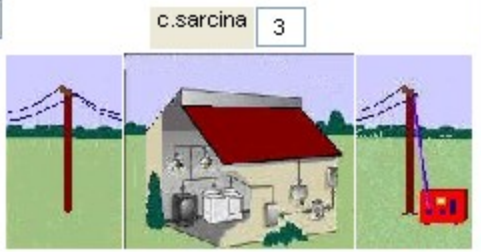
20-Mar-2013



locatie	dava
Altitudine [m]	100
Temp medie/an [C]	10
Radiatie[kwh/mp/zi]	3.4
cadere [m]	1.05
debit [l/s]	31
A [m/s]	4
k	1.7
h masura [m]	10
h butuc [m]	12
obstacol echiv [m]	0.1

pret/w	1	pret/w	0.2	pret/w	2	pret/w	1	pret/Ah	1.8	pret/w	0.7
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nr p sol in serie	1	nr incarc	1	nr t hidro	1	nr t vant	1	nr bat in serie	2	nr inv	1
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	turb vant	eolis
1 P [Kw]		1.0
2 Diam [m]		3.1
3 h but [m]		6.0
4 rand [%]		0.0
5 Ue [V]		48.0
6 Utr [Kv]		0.0
7 fr [Hz]		0.0
8 P(3.5)		0.08
9 P(4.5)		0.14
10 P(5.5)		0.2
11 P(6.5)		0.33
12 P(7.5)		0.5
13 P(8.5)		0.75
14 P(9.5)		1.0
15 P(10.5)		1.05
16 P(11.5)		1.05
17 P(12.5)		1.05
18 P(13.5)		1.03
19 P(14.5)		1.0
20 P(15.5)		1.0
21 P(16.5)		0.9
22 P(17.5)		0.8

	tip panou	HR195M
1 P [w]		195.0
2 Ue [V]		36.94
3 Ie [A]		5.28
4 Ugol [V]		45.78
5 efic. [%]		15.27
6 Utr [mm]		1580.0
7 lat [mm]		808.0
8 gros [mm]		50.0

	turb hidro	LH1k-24
1 P [kw]		1.0
2 Ue [V]		0.6
3 hmin [m]		0.6
3 hmax [m]		3.0
4 Dmin [l/s]		30.0
5 Dmax [l/s]		63.0
6 Ue [V]		24.0
7 frecv [Hz]		0.0
8 rand [%]		90.0

	incarcator	Steca-taro...
1 P [kw]		1.0
2 Tps min [V]		30.0
3 Tps max [m]		47.0
4 Ipmax [A]		45.0
5 Tbat [V]		24.0
6 Tbatmin [V]		9.5
7 Tbatmax [V]		29.0
8 rand [%]		94.0

	tip bat	romb100ah
1 C(20h)[Ah]		100.0
2 C(5h)[Ah]		80.0
3 Tens [V]		12.0
4 lung [mm]		329.0
5 lat [mm]		172.0
6 inal [mm]		215.0
7 greut [Kg]		22.0

	tip inv	Steca-XTM3k5
1 P[kw]		3.0
2 Ui min[V]		19.0
3 Ui max[V]		34.0
4 Ue[V]		230.0
5 THD [%]		2.0
6 frecv[Hz]		50.0
7 rand [%]		94.0

KW inst	solara	1.17	hidro	1	vant	1
MWh/an	E. solara	1.45	E. hidro	2.52	E. vant	1.2

Asig max	0.72	C m [kwh/zi]	18.45	E m [kwh/zi]	13.32
E.ca livrata	4.86	C bat [kvah]	3.84	I. e. [zile]	0.21

