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## Bitcoin Forum



simple machines forum

May 20, 2015, 01:54:15 AM

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Bitcoin Forum > Bitcoin > Mining > Hardware (Moderators: [gmaxwell](#), [MiningBuddy](#), [-ck](#)) > **Mining Container ~100kW by Polivka GmbH**

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Author

Topic: Mining Container ~100kW by Polivka GmbH (Read 3682 times)

### Polivka GmbH

Member



Activity: 111

Hydromining!



Ignore



### Mining Container ~100kW by Polivka GmbH

February 07, 2015, 12:11:27 PM

#1

Hello Bitcoin-Community,

Polivka GmbH presents the Mining-Container, should be okay for >100kW of your gear:

Outside



Right aisle and shelf



Left aisle



Filter from top



Filter from bottom



Air outlet from bottom



Silencer



6 Piece 32A-three phase plugs



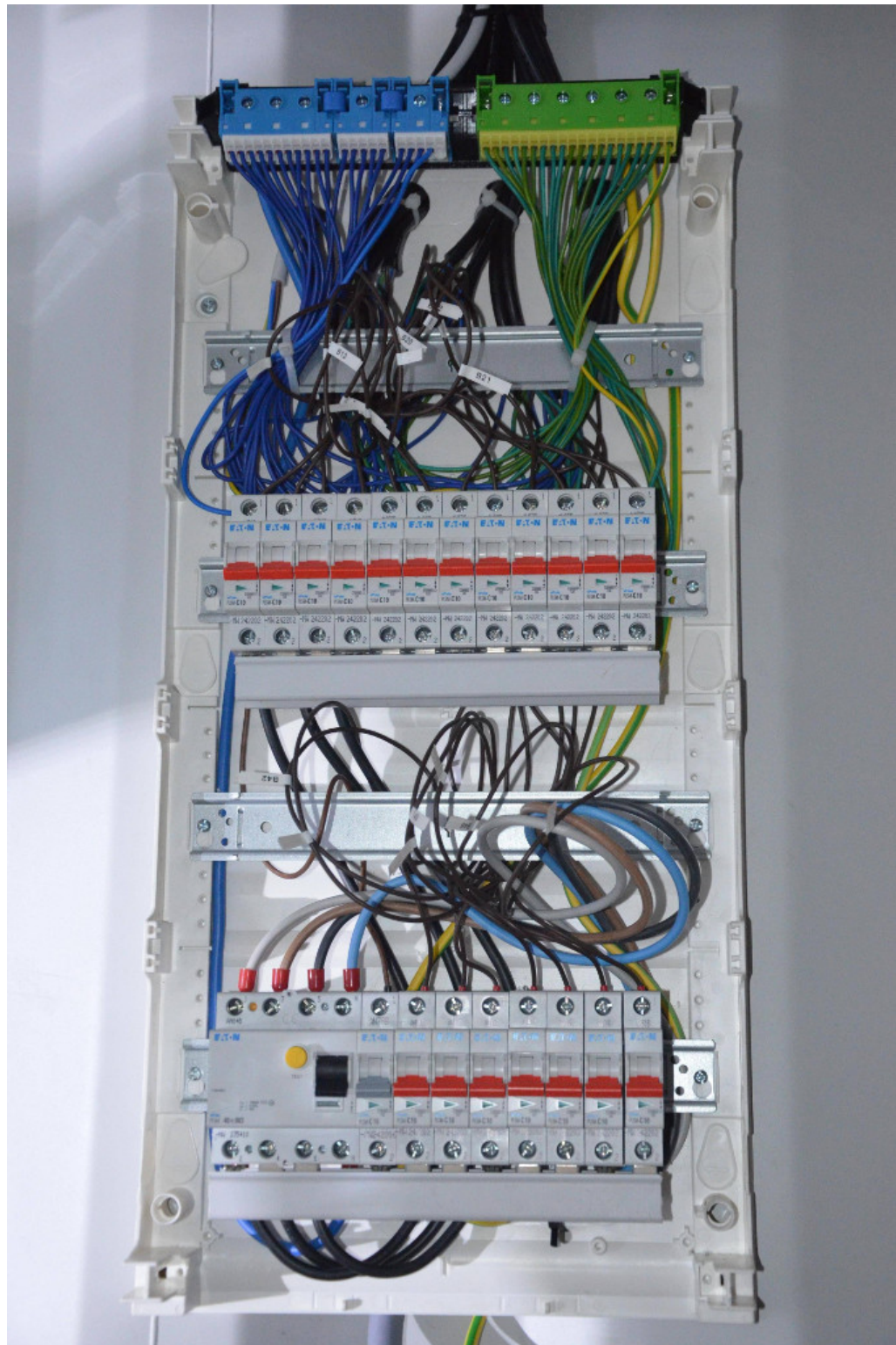
C13 connection cables



Left fan



Power distribution box from inside



Power distribution box



Power distribution overview



Measured air quantities:

Fans in delta operation (fast mode), filters clean:

27200m<sup>3</sup>/h (16 009cfm), 70Pa pressure difference between inside and outside

Fans in delta operation (fast mode), filters "dirty" (covered):

25502m<sup>3</sup>/h (15 009cfm), 140Pa pressure difference between inside and outside

Fans in delta operation (fast mode), filters very "dirty" (covered):

21482m<sup>3</sup>/h (12 643cfm), 190Pa pressure difference between inside and outside

Fans in star operation (slow mode), filters clean:

21205m<sup>3</sup>/h (12 480cfm), 50Pa pressure difference between inside and outside

Fans in star operation (slow mode), filters "dirty" (covered):

15301m<sup>3</sup>/h (9 005cfm), 140Pa pressure difference between inside and outside

The fans suck in the air from the front through the filters and push them over the silencers outside again - the noise level is surprisingly low!

The container can be loaded and unloaded without crane using the pictured pillars and an air-suspended truck only. (Almost all of the trucks in Europe have air suspension)

Prices are all net, without taxes (for commercial customers or export):

Base Price:

EUR 8900

~US\$ 10,200 at the time of writing

includes the adapted container, the fans installed but not wired, the filter and silencer

Fully flexible, adjustable shelf 3x 97cm wide, 60cm deep, ~2.3m high, 7 compartments  
Roughly 3x38inch wide, 23 inch deep and 7.5 foot high

EUR 1600

~US\$ 1,800

Electric installation (6 distributors with 32A 3-phase connection each, 114 C13 cables in total fused with 10A each, 6 three-fold "Schuko"-outlets fused with 16A, 2 motor protection switches for the fans, 2 lights with switch)

Pictures and price of electric plant is for 230V and European regulations.

EUR 3600

~US\$ 4,100

Pillars zinc-plated (4 piece)

EUR 1600

~US\$ 1,800

Price as pictured ex Works Austria, EU: EUR 15700, ~US\$ 18,000 at the time of writing

Lead time ~6 Weeks

Containers are made to order - fully customizable!

Thanks for your attention!

Miner Housing im Wasserkraftwerk

**SwC Poker Bitcoin Poker 2.0 No Banking Only Bitcoin**

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**Polivka GmbH**

Member



**Re: Mining Container ~100kW by Polivka GmbH**

February 07, 2015, 12:24:28 PM

#2

Activity: 111

Hydromining!

Full video in 16x Speed: <http://vimeo.com/119105477>



Miner Housing im Wasserkraftwerk

**philipma1957**

Legendary



Activity: 1008



Ignore

**Re: Mining Container ~100kW by Polivka GmbH**

February 07, 2015, 12:37:37 PM

#3

This would have been nice to have last year, but this year prices make it too costly. 100 kwatts are about 140 s-5s since you have 114 plugs lets say it will do 114 s-5s'  $114 \times 1.15 \text{ th} = 131 \text{ th}$

At 8 cents a kwatt . that 18000 usd unit take 81 days to pay off.

I have left the shipping price out.

I have left the psu price out.

I have left the s-5 price out.

I have frozen the diff at 42 and in 3 days it is going to 45

I have to say it is a nice piece of gear .

I would love to have filled with s-5's mining in a warehouse using some low cost power.

Good luck selling it.

For now no signature.

**Polivka GmbH**

Member



Activity: 111

Hydromining!



Ignore

**Re: Mining Container ~100kW by Polivka GmbH**

February 07, 2015, 12:46:02 PM

#4

**Quote from: philipma1957 on February 07, 2015, 12:37:37 PM**

This would have been nice to have last year, but this year prices make it too costly. 100 kwatts are about 140 s-5s since you have 114 plug lets say it will do 114 s-5s'  $114 \times 1.15 \text{ th} = 131 \text{ th}$

Costly compared to what? Ever asked for a quotation of a factory hall with all the cooling and power distribution? Also with this you are more flexible regarding the location.

I know mining calculations look not really good at the moment - guess why this thing is still empty...

Miner Housing im Wasserkraftwerk

**Newar**

Legendary



Activity: 938



<https://gliph.me/hUF>



Ignore

**Re: Mining Container ~100kW by Polivka GmbH**

February 07, 2015, 12:48:19 PM

#5

I have a similar project in mind, but you beat me to it. Good work!

OTC rating | GPG keyid 1DC91318EE785FDE | Gliph: lightning bicycle tree music | Mycelium, a swift & secure Bitcoin client for Android | LocalBitcoins

**Re: Mining Container ~100kW by Polivka GmbH**

February 07, 2015, 12:51:00 PM

#6

**Quote from: Newar on February 07, 2015, 12:48:19 PM**

I have a similar project in mind, but you beat me to it. Good work!

To be perfectly honest on this: these guy's beat me to it: <http://cryptokube.com> - they came out when I already purchased the container, however I think my concept is more suited for mining and less like traditional shipping container data centers.

Miner Housing im Wasserkraftwerk

**Cablez**

Legendary



Activity: 1176

**Re: Mining Container ~100kW by Polivka GmbH**

February 07, 2015, 01:55:38 PM

#7

Well you killed them on price it seems. It would just be too hard to recoup all the costs associated with this and the hardware during this time unfortunately.

Very well thought out piece of work though, well done.



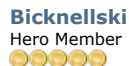
I owe my soul to the Bitcoin code...



Activity: 448



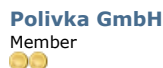
Ignore



Activity: 882



Ignore



Activity: 111

Hydromining!



Ignore

**Tired of substandard power distribution in your ASIC setup???** Chris' Custom **Cablez** will get you sorted out right!  
No job too hard so PM me for a quote  
Check my products or ask a question here: <https://bitcointalk.org/index.php?topic=74397.0>



**Re: Mining Container ~100kW by Polivka GmbH**

February 07, 2015, 04:24:09 PM

#8

Think about bracing the supports along the length of the container. Two additional pieces of square pipe won't cost a lot more.

I don't want to be there when a little wind, like 6m/s (if placed outside) will literally put the mining box "on the ground".

<http://www.yourspreadsheets.co.uk/wind-on-structures-analysis-to-ec-1.html>

There is a free XLS there allowing you to do some wind calculations without printing or changing logos or something.

Good enough to see how big the bracing should be.

CSA/cUL Certified Power Distribution Panels - Basic, Switched, Metered. 1-3 phases. Up to 600V.  
NMC:N4F9qvHz11BHcc4nh1LCJFsrZha1EWgVwj



**Re: Mining Container ~100kW by Polivka GmbH**

February 07, 2015, 04:28:18 PM

#9

It will win if you can find cheap electricity.

Suggest this is perfect for farms with biogas generators waste heat from container can be cycled into digesters to help maintain higher digester ambient temperatures for spring fall and winter. Going "green" energy for this system would be viable. You could have a large number of smaller operators using this sort of system and pooling their resources.

This thread should be in Mining Hardware not Service Announcements.

Did you receive your VAT invoice from Dogie within 30 days? No? File a report to the HMRC.



**Re: Mining Container ~100kW by Polivka GmbH**

February 07, 2015, 04:32:42 PM

#10

**Quote from: wh00per on February 07, 2015, 04:24:09 PM**

Think about bracing the supports along the length of the container. Two additional pieces of square pipe won't cost a lot more.  
I don't want to be there when a little wind, like 6m/s (if placed outside) will literally put the mining box "on the ground".

<http://www.yourspreadsheets.co.uk/wind-on-structures-analysis-to-ec-1.html>

There are actually two things still waiting to be delivered: Some guy cabling from the pillars to the corners of the container and a canvas under the container to prevent a short circuit from the air outlet to the intake.  
As for the strength of the container itself: you can load >20to inside standing only on 4 corners.

**Quote from: Bicknellski on February 07, 2015, 04:28:18 PM**

It will win if you can find cheap electricity.

Suggest this is perfect for farms with biogas generators waste heat from container can be cycled into digesters to help maintain higher digester ambient temperatures for spring fall and winter. Going "green" energy for this system would be viable. You could have a large number of smaller operators using this sort of system and pooling their resources.

This thread should be in Mining Hardware not Service Announcements.

Thanks. I already PM'ed kolivas, who moved the thread - maybe he has mercy and reconsiders his decision. I guess a lot of interested people would miss it here.

As for the biogas generators: Don't they produce 2/3 of heat compared to electricity anyways? Do they need even more heat in the process?

My company runs mining in water power plants in Austria - if the numbers align a bit more favorably I will put it near one and fill it up with miners. Any project propositions - just PM me.

## Miner Housing im Wasserkraftwerk

**sidehack**

Hero Member

**Online**

Activity: 602

Curmudgeonly hardware guy



Ignore

**matt4054**

Hero Member



Activity: 770



Ignore

**Re: Mining Container ~100kW by Polivka GmbH**

February 07, 2015, 04:34:40 PM

#11

I'd definitely question the strength of the leg supports. What's the empty (no miners) weight of the fully-outfitted container? Adding 114x S5 to the mix will increase the weight by a good 900lb. Have you the engineering figures on the strength of the attachments, shear strength of the bolts and drilled-out tube?

Also, is there an option to run C20 cables instead of C14? If we're looking for space density, 2KW and 2.8KW PSUs (as well as SP30 and up) require C20 cables.

BM1384 miner design project under way - <https://bitcointalk.org/index.php?topic=995675.0>

750W-2000W Server PSU interface boards and cables. Hardware advice and odd-jobs. \$72/KW-month basic miner hosting.

Supporting the home miner community since 2013 - <http://www.gekkoscience.com>

**Re: Mining Container ~100kW by Polivka GmbH**

February 07, 2015, 04:39:10 PM

#12

**Quote from: Polivka GmbH on February 07, 2015, 12:46:02 PM****Quote from: philipma1957 on February 07, 2015, 12:37:37 PM**

This would have been nice to have last year, but this year prices make it too costly. 100 kwatts are about 140 s-5s since you have 114 plug lets say it will do 114 s-5s' 114 x 1.15 th = 131 th

Costly compared to what? Ever asked for a quotation of a factory hall with all the cooling and power distribution? Also with this you are more flexible regarding the location.

I know mining calculations look not really good at the moment - guess why this thing is still empty...

It's not that your price is costly compared to anything similar, it's just that the mining market is so saturated already that there is no hope for professional miners to succeed right now, unless 1) you live anywhere above the polar circle AND 2) have access to (preferably low-latency) internet AND 3) have access to hundreds of kW <\$0.04 kWh AND last but not least, 4) have access to an investment capital >\$100k.

OR, mum's garage and call "ROI" what would be like stealing from her wallet at night...

I have been mining for over a year at profit (GPUs then ASICs), even rented two dedicated room for this, found investors for the equipment and foolishly guaranteed their principal, now we have to cover for this from my own pocket and my associate's, just to recover our investors' principal (as we were not scammers, we didn't implement financial insulation like an LLC or something). It's so frustrating for many of us, really. But you know, lesson learned 😊

**Polivka GmbH**

Member



Activity: 111

Hydromining!



Ignore

**Re: Mining Container ~100kW by Polivka GmbH**

February 07, 2015, 04:41:27 PM

#13

**Quote from: sidehack on February 07, 2015, 04:34:40 PM**

I'd definitely question the strength of the leg supports. What's the empty (no miners) weight of the fully-outfitted container? Adding 114x S5 to the mix will increase the weight by a good 900lb. Have you the engineering figures on the strength of the attachments, shear strength of the bolts and drilled-out tube?

Also, is there an option to run C20 cables instead of C14? If we're looking for space density, 2KW and 2.8KW PSUs (as well as SP30 and up) require C20 cables.

The pipe is 80x80x5mm. I had these made and dimensioned from a company licensed to do such things. The thread on the bolts and nuts is M30.

The empty weight of a 20foot shipping container is 2.2tons. I didn't measure the weight of the fully outfitted container but I'm sure it's way below a ton without miners.

Any options for outfitting you wish. The cables are now C13, the female part which directly goes into the PSU. I have done this having SP20 in mind because of the better \$/hash ratio and cheaply available second hand server PSU's.

## Miner Housing im Wasserkraftwerk

**Polivka GmbH**

Member



Activity: 111

Hydromining!

**Re: Mining Container ~100kW by Polivka GmbH**

February 07, 2015, 04:44:49 PM

#14

**Quote from: matt4054 on February 07, 2015, 04:39:10 PM****Quote from: Polivka GmbH on February 07, 2015, 12:46:02 PM****Quote from: philipma1957 on February 07, 2015, 12:37:37 PM**

This would have been nice to have last year, but this year prices make it too costly. 100 kwatts are about 140 s-5s since



Ignore

you have 114 plug lets say it will do 114 s-5s' 114 x 1.15 th = 131 th

Costly compared to what? Ever asked for a quotation of a factory hall with all the cooling and power distribution? Also with this you are more flexible regarding the location.

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Everyone mining needs something providing shelter from the elements, cooling and power distribution. I believe this to be a very elegant and flexible solution and mining will somehow eventually continue.

Miner Housing im Wasserkraftwerk

**cryptokube**

Jr. Member



Activity: 31



Ignore



**Re: Mining Container ~100kW by Polivka GmbH**

February 07, 2015, 05:50:24 PM

#15

Nice work! Great price!

Looks like a great product.

Can you just answer a couple of questions.

1. How do you get air through the filters when this is sitting on the ground?
2. How do you change the filters when it is sitting on the ground?
3. If it stays on the stilts how do you enter the unit? Cargo doors with ladder?
4. If you open the cargo doors in a snow storm and go inside how do you close the doors to do your work without getting snow and weather blowing in?
5. How do you keep condensation from forming and dripping on the machines?

I love to talk with you sometime and compare notes. We could even maybe highlight your product on our page so EU customers have an option.

I wish you much success.

Doug  
cryptokube.com

**Polivka GmbH**

Member



Activity: 111

Hydromining!



Ignore



**Re: Mining Container ~100kW by Polivka GmbH**

February 07, 2015, 06:00:19 PM

#16

**Quote from: cryptokube on February 07, 2015, 05:50:24 PM**

Nice work! Great price!

Looks like a great product.

Can you just answer a couple of questions.

1. How do you get air through the filters when this is sitting on the ground?
2. How do you change the filters when it is sitting on the ground?
3. If it stays on the stilts how do you enter the unit? Cargo doors with ladder?
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I love to talk with you sometime and compare notes. We could even maybe highlight your product on our page so EU customers have an option.

I wish you much success.

Doug  
cryptokube.com

Thanks!

It's not meant to be run without the stilts, or anything else holding it up if you don't wish to purchase them (in case you don't intend moving it anyways).

You can buy a ladder from me - tailored to the container, however you probably want to solve that problem

yourself because of the price...  
It's possible to lean the door to the sealing from the inside.

I prevent condensation the same way you do - heating the inside by means of bitcoin miners 😊

Miner Housing im Wasserkraftwerk

**Lloydimiller4**

Full Member



Activity: 144



Monero



Ignore

**Polivka GmbH**

Member



Activity: 111

Hydromining!



Ignore



**Re: Mining Container ~100kW by Polivka GmbH**

February 07, 2015, 06:58:58 PM

#17

This is simply amazing.

-GREAT- job! 🙌

I know this doesn't have much practical use with today's prices, but this concept is brilliant.

One question that I didn't see explained, why do you have the air vented out from the bottom of the container instead of the top?

XMR: 43uAvbYL7z9NrKQig2DswM69XaeDug1Rf8v4Un1ndssb2To51Vojz2uZ21jFumWsCcgvgZ9hPuE3fErXKoGCkHU8CzqHFIS



**Re: Mining Container ~100kW by Polivka GmbH**

February 07, 2015, 07:08:51 PM

#18

**Quote from: Lloydimiller4 on February 07, 2015, 06:58:58 PM**

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Hi. Thanks for the flowers 😊

I didn't want to injure the outside skin. Also water-proof silencers are much more expensive.  
It would be nice to suck in the air from the top, but also rain comes that way so I abandoned that idea 😊

Miner Housing im Wasserkraftwerk

**philipma1957**

Legendary



Activity: 1008



Ignore



**Re: Mining Container ~100kW by Polivka GmbH**

February 07, 2015, 10:36:36 PM

#19

**Quote from: Polivka GmbH on February 07, 2015, 07:08:51 PM**

**Quote from: Lloydimiller4 on February 07, 2015, 06:58:58 PM**

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yeah you built a really nice piece of gear. It is too costly because buying 114 s-5's or 114 sp20's don't put you ahead of the curve due to the terrible price of BTC.

If I could get this miner

<https://bitcointalk.org/index.php?topic=944406.0>

It would work. this miner does not exist . putting 114 s-5's or sp20 in that crate won't pay off.

Now if I had cheap power yeah maybe.

**I do like the build.**

For now no signature.

### topminingcontracts

Sr. Member



Online

Activity: 434



Ignore

### Re: Mining Container ~100kW by Polivka GmbH

February 07, 2015, 11:28:49 PM

#20

Quote from: Polivka GmbH on February 07, 2015, 07:08:51 PM

Quote from: Lloydimiller4 on February 07, 2015, 06:58:58 PM

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I think is a nice concept.

In my opinion needs to improve the airflow a cold area with positive pressure and a hot area with negative pressure and density unless is able to handle 400 KW is not very efficient. I am totally sure can fit more miners inside a container even using racks, I support the concept and is a nice Idea I would buy.

Regards

### Bicknellski

Hero Member



Activity: 882



Ignore

### Re: Mining Container ~100kW by Polivka GmbH

February 08, 2015, 08:13:48 AM

#21

Quote from: Polivka GmbH on February 07, 2015, 04:32:42 PM

Quote from: wh00per on February 07, 2015, 04:24:09 PM

Think about bracing the supports along the length of the container. Two additional pieces of square pipe won't cost a lot more. I don't want to be there when a little wind, like 6m/s (if placed outside) will literally put the mining box "on the ground".

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Quote from: Bicknellski on February 07, 2015, 04:28:18 PM

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As for the biogas generators: Don't they produce 2/3 of heat compared to electricity anyways? Do they need even more heat in the process?

My company runs mining in water power plants in Austria - if the numbers align a bit more favorably I will put it near one and fill it up with miners. Any project propositions - just PM me.

In colder climates an issue is often to maintain heat in the digester tanks and they often have to be buried and insulated as you may know heat loss can lower gas production.

[http://acep.uaf.edu/media/50756/ACEP\\_ResourceOverview\\_Biogas.pdf](http://acep.uaf.edu/media/50756/ACEP_ResourceOverview_Biogas.pdf)

Quote

Thermophilic — Between 49°–57°C (120°–134°F)

Mesophilic — Between 20°–45°C (68°–113°F)

Psychrophilic — At or below 20°C (≤68°F)

**Quote**

Conversion of biomass to biogas is greatly accelerated at warm temperatures, falls off sharply at low temperatures and is almost nominal below 15°C (59°F). Most commercial and industrial biogas facilities in operation today maintain a stable temperature conducive to the specific microbial community that they utilize. Often this involves additional heat inputs to maintain high microbial metabolic rates and system performance.

Did you receive your VAT invoice from Dogie within 30 days? No? File a report to the HMRC.

**Polivka GmbH**  
Member



Activity: 111

Hydromining!



Ignore

**Re: Mining Container ~100kW by Polivka GmbH**

February 08, 2015, 08:20:14 AM

#22

**Quote from: topminingcontracts on February 07, 2015, 11:28:49 PM**

I think is a nice concept.

In my opinion needs to improve the airflow a cold area with positive pressure and a hot area with negative pressure and density unless is able to handle 400 KW is not very efficient. I am totally sure can fit more miners inside a container even using racks, I support the concept and is a nice Idea I would buy.

Thanks.

We put a lot of time and thinking into the inner layout and airflow design of this. Main problem is that the container will probably live trough more than one miner generation - so it is impossible to tell how exactly they will look like.

If I know that I'll fill this thing up with SP35's only I would have done a different layout. But given the premium for Spondoolies rack hardware and the quality of BITMAIN 19 inch miners I wanted to stay flexible.

400kW air-cooled on 3m of shelving is a little optimistic.... however, with SP35 maybe possible, didn't run the numbers.

**Quote from: philipma1957 on February 07, 2015, 10:36:36 PM**

If I could get this miner

<https://bitcointalk.org/index.php?topic=944406.0>

It would work. this miner does not exist . putting 114 s-5's or sp20 in that crate won't pay off.

Hi. Thanks also.

I know investing in mining does look horrible at the moment, even with cheap power and all that.

You can't write off the container in 3 month, like you might still be used to calculate when evaluating a mining invest. Most home miners already have a power outlet and don't need to build anything to get rid of the heat from one miner.

On a bigger scale this also causes costs, and not to little of it. You can't avoid it if you want to have cheap power - it doesn't come to you, you must move to it.

Therefore a mobile solution is a nice thing to have. You find a place with even much cheaper power? Not an issue, truck comes tomorrow.

Miner Housing im Wasserkraftwerk

**Polivka GmbH**  
Member



Activity: 111

Hydromining!



Ignore

**Re: Mining Container ~100kW by Polivka GmbH**

February 08, 2015, 08:24:59 AM

#23

**Quote from: Bicknellski on February 08, 2015, 08:13:48 AM**

In colder climates an issue is often to maintain heat in the digester tanks and they often have to be buried and insulated as you may know heat loss can lower gas production.

[http://acep.uaf.edu/media/50756/ACEP\\_ResourceOverview\\_Biogas.pdf](http://acep.uaf.edu/media/50756/ACEP_ResourceOverview_Biogas.pdf)

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**Quote**

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commercial and industrial biogas facilities in operation today maintain a stable temperature conducive to the specific microbial community that they utilize. Often this involves additional heat inputs to maintain high microbial metabolic rates and system performance.

I guess this is for gas production only - as soon as you use the gas in a combustion engine to produce electricity you should have heat in abundance.

In Austria some of the biogas electricity plants also offer the service of drying wood chips with the excess heat - I'm not an expert on the biogas field, but we have been thinking on offering the wood-chip drying with miner heat for a second...

Miner Housing im Wasserkraftwerk

**pekatete**  
Sr. Member  
👤👤👤👤

Activity: 308



👤🌐  
Ignore

**Re: Mining Container ~100kW by Polivka GmbH**  
February 08, 2015, 04:36:43 PM

#24

**Quote from: Shazam!!! on February 08, 2015, 04:32:44 PM**

**Quote from: Polivka GmbH on February 07, 2015, 12:11:27 PM**

Right aisle and shelf

<http://i.imgur.com/nAEMRWf.jpg>

Are the shelves gonna be able to handle the heat from the miners???  
Heaven forbid if one of them burns up and takes the rest with them.

Have you got any idea about the fire handling capabilities of building grade MDF?

I doubt even an exploding prisma can set any kind of noticeable fire on MDF .... well at least MDF manufactured in Germany / for EU use.

**S3 Overclock | S3+ Voltage OC | Dell 550W PSU Connectors | dogie is a VAT fraudster**  
BTC tips: 1AwgqD7A2KuQ4WT4273JXZPUf29BAbdp2

**Shazam!!!**  
Member  
👤👤

Activity: 84

That one Guy!!!

👤🌐  
Ignore

**Re: Mining Container ~100kW by Polivka GmbH**  
February 08, 2015, 04:41:42 PM

#25

**Quote from: pekatete on February 08, 2015, 04:36:43 PM**

**Quote from: Shazam!!! on February 08, 2015, 04:32:44 PM**

**Quote from: Polivka GmbH on February 07, 2015, 12:11:27 PM**

Right aisle and shelf

<http://i.imgur.com/nAEMRWf.jpg>

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I doubt even an exploding prisma can set any kind of noticeable fire on MDF .... well at least MDF manufactured in Germany / for EU use.

No I do not know...That's why I asked. It looks like there is a lot of airflow so the shelves should only get warm to the touch. Just wondered about higher temps.  
Thanx for the info.

▲▼ Shazam!!! ▲▼

**Polivka GmbH**  
Member  
👤👤

Activity: 111

Hydromining!

👤🌐  
Ignore

**Re: Mining Container ~100kW by Polivka GmbH**  
February 08, 2015, 05:18:58 PM

#26

**Quote from: Shazam!!! on February 08, 2015, 04:41:42 PM**

**Quote from: pekatete on February 08, 2015, 04:36:43 PM**

**Quote from: Shazam!!! on February 08, 2015, 04:32:44 PM**

**Quote from: Polivka GmbH on February 07, 2015, 12:11:27 PM**

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No I do not know...That's why I asked. It looks like there is a lot of airflow  
so the shelves should only get warm to the touch. Just wondered about higher temps.  
Thanx for the info.

The material is indeed MDF, well spotted!

One of the advantages of mining in a container is that the fire hazard is at least limited to one container (that is if you set it up not to close to anything else). That's already a huge advantage compared to mining in a factory hall where a building and in some cases human life is at stake.  
It would probably be possible to integrate a CO2 fire extinguisher, but we think that is best bought locally due to licenses and certificates. Some goes for an alarm system.

Miner Housing im Wasserkraftwerk

**takagari**

Sr. Member



Activity: 378



Ignore

**Gleb Gamow**

Sr. Member



Online

Activity: 336



Blame Vod!



Ignore

**Re: Mining Container ~100kW by Polivka GmbH**

February 08, 2015, 09:26:06 PM

#27

Pictures of this stocked? I'd want metal shelving rather than solid wood, every bit of air flow helps.

Love to see these full!

☆ Upgrade you NetFlix/Hulu and web entertainment experience! | [www.UnblockUs.ca](http://www.UnblockUs.ca) | A Super simple Web Proxy Service | 1 week free trial!

Arguing with an idiot is like playing chess with a pigeon. Even if you win, they strut around, knock the pieces over and

**Re: Mining Container ~100kW by Polivka GmbH**

February 09, 2015, 01:47:48 AM

#28

Quote from: Polivka GmbH on February 07, 2015, 04:32:42 PM

Quote from: wh00per on February 07, 2015, 04:24:09 PM

Think about bracing the supports along the length of the container. Two additional pieces of square pipe won't cost a lot more.  
I don't want to be there when a little wind, like 6m/s (if placed outside) will literally put the mining box "on the ground".

<http://www.yourspreadsheets.co.uk/wind-on-structures-analysis-to-ec-1.html>

There are actually two things still waiting to be delivered: Some guy cabling from the pillars to the corners of the container and a canvas under the container to prevent a short circuit from the air outlet to the intake.  
As for the strength of the container itself: you can load >20to inside standing only on 4 corners.

Quote from: Bicknellski on February 07, 2015, 04:28:18 PM

It will win if you can find cheap electricity.

Suggest this is perfect for farms with biogas generators waste heat from container can be cycled into digesters to help maintain higher digester ambient temperatures for spring fall and winter. Going "green" energy for this system would be viable. You could have a large number of smaller operators using this sort of system and pooling their resources.

This thread should be in Mining Hardware not Service Announcements.

Thanks. I already PM'ed kcolivas, who moved the thread - maybe he has mercy and reconsiders his decision. I guess a lot of interested people would miss it here.

As for the biogas generators: Don't they produce 2/3 of heat compared to electricity anyways? Do they need even more heat in the process?  
My company runs mining in water power plants in Austria - if the numbers align a bit more favorably I will put it near one and fill it up with miners. Any project propositions - just PM me.

Even though the thread was move to a least desirable locale [in your mind], consider posting on this forum as much as possible, whereupon your sig will garner more eyeballs, coupled with appropriately bumping your thread periodically with relative information.

Also, don't forget that there's other crypto forums out there that you can join. The key is to play nice, and have a good product (check) at a descent price point (I'm not qualified to judge this).

Do all the above, and you'll be pleasantly surprise the mileage you'll enjoy, albeit one caveat: Your mileage may vary. 😊

**philipma1957**

Legendary



Activity: 1008



Ignore

**Polivka GmbH**

Member



Activity: 111

Hydromining!



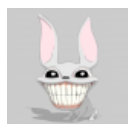
Ignore

**Newar**

Legendary



Activity: 938

<https://gliph.me/hUF>

Ignore

**Polivka GmbH**

Member



Activity: 111

Hydromining!



Ignore

**Re: Mining Container ~100kW by Polivka GmbH**

February 09, 2015, 02:05:15 AM

#29

It is now in hardware. I will post in it this time to say I think moving it to hardware was correct.

**Re: Mining Container ~100kW by Polivka GmbH**

February 09, 2015, 03:52:30 PM

#30

Full video in 16x Speed: <http://vimeo.com/119105477>

**Re: Mining Container ~100kW by Polivka GmbH**

February 09, 2015, 03:56:26 PM

#31

Quote from: Polivka GmbH on February 07, 2015, 12:46:02 PM

[...]

I know mining calculations look not really good at the moment - guess why this thing is still empty...

In your particular case, that would mean you make more from the EU subsidies than mining? If you don't mind sharing, how much are the hydro subsidies this year?

OTC rating | GPG keyid 1DC91318EE785FDE | Gliph: lightning bicycle tree music | Mycelium, a swift & secure Bitcoin client for Android | LocalBitcoins

**Re: Mining Container ~100kW by Polivka GmbH**

February 09, 2015, 04:30:25 PM

#32

Quote from: Newar on February 09, 2015, 03:56:26 PM

Quote from: Polivka GmbH on February 07, 2015, 12:46:02 PM

[...]

I know mining calculations look not really good at the moment - guess why this thing is still empty...

In your particular case, that would mean you make more from the EU subsidies than mining? If you don't mind sharing, how much are the hydro subsidies this year?

It's the investment cost of the miners measured in Bitcoin which is the problem. There is just nothing left to cover the risks you are taking, even it looks like you could mine back the Bitcoin invested in an acceptable time frame. It looks completely different if you already have the hardware.

Regarding subsidies for hydro power it depends if you get any - there is only some money if you newly renovate your power plant and can prove that it will increase the yield by at least 20%. If that's the case you can choose between getting some money for each kWh for the next 13 years or a fraction of the investment.

It's a pretty sad story - many power plants in Austria stand still because the ROI times for investing are >50 years. Also there are many ecological rules and other regulations, until ~2024 all power plant owners will be forced to install a fish ladder which often consumes the profits of ten or more years.

Miner Housing im Wasserkraftwerk

**aDude**

Newbie



Activity: 18



Ignore

**Re: Mining Container ~100kW by Polivka GmbH**

February 09, 2015, 07:05:22 PM

#33

**Quote from: Polivka GmbH on February 09, 2015, 04:30:25 PM****Quote from: Newar on February 09, 2015, 03:56:26 PM****Quote from: Polivka GmbH on February 07, 2015, 12:46:02 PM**

[...]

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If that's the case you can choose between getting some money for each kWh for the next 13 years or a fraction of the investment.

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Here in washington state, where we have 2 cent per kilowatt hour hydro power, and more bitcoin mines then we know what to do with... and all of our dams have fish ladders. it can be done, and done profitably.

also doesnt vienna have a nuclear power plant that has never been turned on?

**Polivka GmbH**

Member



Activity: 111

Hydromining!



Ignore

**Re: Mining Container ~100kW by Polivka GmbH**

February 09, 2015, 08:04:30 PM

#34

**Quote from: aDude on February 09, 2015, 07:05:22 PM**

Here in washington state, where we have 2 cent per kilowatt hour hydro power, and more bitcoin mines then we know what to do with... and all of our dams have fish ladders. it can be done, and done profitably.

also doesnt vienna have a nuclear power plant that has never been turned on?

The 2 cents are what you get when you run the power plant or what you pay including the fee for the network, taxes etc?

The Austrian nuclear power plant: [http://en.wikipedia.org/wiki/Zwentendorf\\_Nuclear\\_Power\\_Plant](http://en.wikipedia.org/wiki/Zwentendorf_Nuclear_Power_Plant) - never went live.

Regarding the fish ladders: I guess the dams in Washington state are all huge, the area where I live and Austria in general is full of small privately owned power plants, I guess most in the 10kW to 50kW capacity range. For them fish ladders are often very difficult to integrate. There is anyways little option because if you don't build the fish ladder you have dismantle you power plant and build back the river to it's shape before the plant, which is often even more expensive.

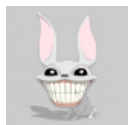
Miner Housing im Wasserkraftwerk

**Newar**

Legendary



Activity: 938

<https://gliph.me/hUF>

Ignore

**Re: Mining Container ~100kW by Polivka GmbH**

February 10, 2015, 04:26:35 AM

#35

**Quote from: Polivka GmbH on February 09, 2015, 08:04:30 PM****Quote from: aDude on February 09, 2015, 07:05:22 PM**

Here in washington state, where we have 2 cent per kilowatt hour hydro power, and more bitcoin mines then we know what to do with... and all of our dams have fish ladders. it can be done, and done profitably.

The 2 cents are what you get when you run the power plant or what you pay including the fee for the network, taxes etc?

That is what you pay as an industrial customer. I also guess fish ladders were planned for those plants from day one.

**Quote from: Polivka GmbH on February 09, 2015, 08:04:30 PM**

Regarding the fish ladders: I guess the dams in Washington state are all huge, the area where I live and Austria in general is full of small privately owned power plants, I guess most in the 10kW to 50kW capacity range. For them fish ladders are often very difficult to integrate. There is anyways little option because if you don't build the fish ladder you have dismantle you power plant and build back the river to it's shape before the plant, which is often even more expensive.

I've heard of that. It makes even less sense for cases where the river was diverted (not entirely) to the plant many decades ago. So the water to the plant is in a separate channel and the fish can go through the old river bed. But even those channels apparently are required to build fish ladders. 🙄

**Quote from: Polivka GmbH on February 09, 2015, 04:30:25 PM**

It's a pretty sad story - many power plants in Austria stand still because the ROI times for investing are >50 years.

I think if you can convince them to sell their power for 0.05 US cents or less, you'd find some interested people in this space.

OTC rating | GPG keyid 1DC91318EE785FDE | Gliph: lightning bicycle tree music | Mycelium, a swift & secure Bitcoin client for Android | LocalBitcoins

**takagari**

Sr. Member



Activity: 378



Ignore

**BitmainWarranty**

Donator

Full Member



Activity: 224

**BITMAIN**

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Ignore

**Polivka GmbH**

Member



Activity: 111

Hydromining!



Ignore

**Polivka GmbH**

Member



Activity: 111

Hydromining!



Ignore

**Re: Mining Container ~100kW by Polivka GmbH**

February 10, 2015, 05:04:55 AM

#36

7 cents here is residential, that's Canadian, o 6 or 5 cents USD.

I've seen 4 or 5 for Business in bulk

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Arguing with an idiot is like playing chess with a pigeon. Even if you win, they strut around, knock the pieces over and ... ..

**Re: Mining Container ~100kW by Polivka GmbH**

February 11, 2015, 02:08:50 AM

#37

@Polivka GmbH!!!!

Is this an Ant Castle? 🙄 Any ants living in there yet? 🙄

**Re: Mining Container ~100kW by Polivka GmbH**

February 11, 2015, 07:18:13 AM

#38

**Quote from: BitmainWarranty on February 11, 2015, 02:08:50 AM**

@Polivka GmbH!!!!

Is this an Ant Castle? 🙄 Any ants living in there yet? 🙄

Any serious propositions? I am open for anything. Would love to fill up the shelf to the last square inch...

Miner Housing im Wasserkraftwerk

**Re: Mining Container ~100kW by Polivka GmbH**

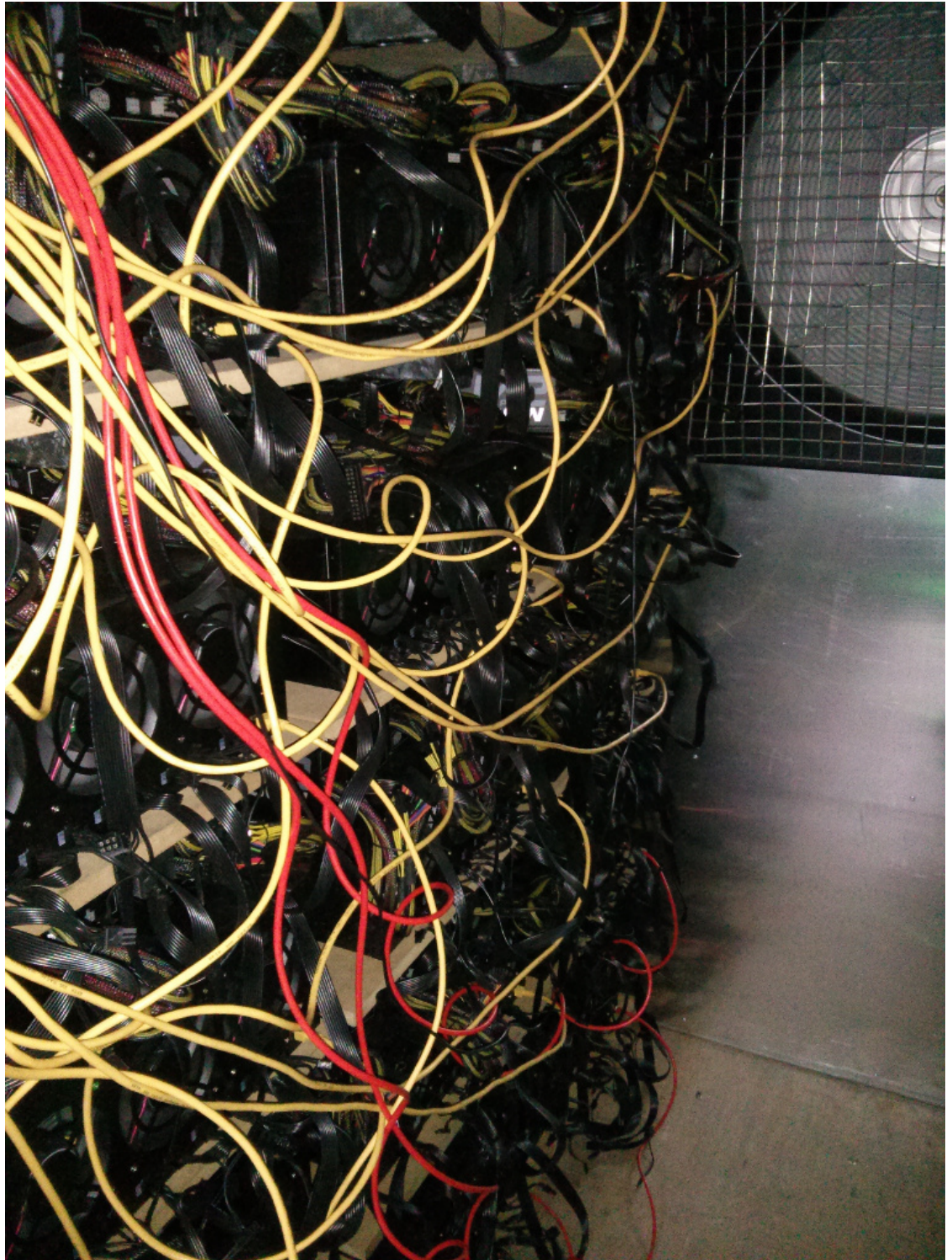
March 14, 2015, 01:25:03 PM

#39

**Quote from: takagari on February 08, 2015, 09:26:06 PM**

Pictures of this stocked? I'd want metal shelving rather than solid wood, every bit of air flow helps.

Love to see these full!



Miner Housing im Wasserkraftwerk

**Cablez**  
Legendary  
●●●●●●●●

 **Re: Mining Container ~100kW by Polivka GmbH**  
March 14, 2015, 01:38:47 PM

#40

Do you have any stats on the full setup? Things like total container hashrate, internal/exhaust temps, decibel levels, miner stability when fully loaded container is sealed etc...

Activity: 1176

That would be most interesting.



I owe my soul to the  
Bitcoin code...

**Polivka GmbH**

Member



Activity: 111

Hydromining!



[Ignore](#)

**Tired of substandard power distribution in your ASIC setup???** Chris' Custom **Cablez** will get you sorted out right!  
**No job too hard so PM me for a quote**  
Check my products or ask a question here: <https://bitcointalk.org/index.php?topic=74397.0>

**Re: Mining Container ~100kW by Polivka GmbH**

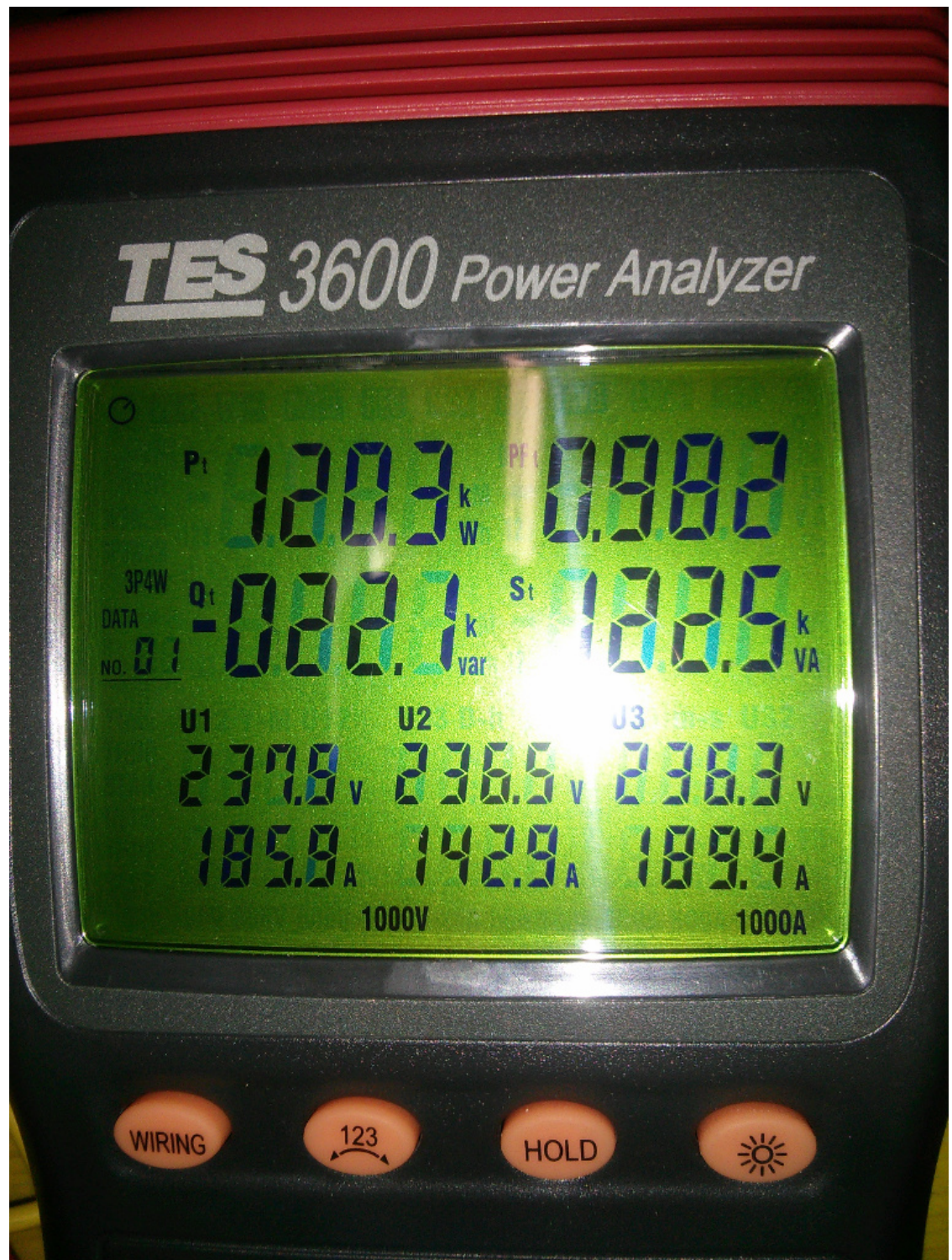
March 14, 2015, 01:44:41 PM

#41

**Quote from: Cablez on March 14, 2015, 01:38:47 PM**

Do you have any stats on the full setup? Things like total container hashrate, internal/exhaust temps, decibel levels, miner stability when fully loaded container is sealed etc...

That would be most interesting.





Intake left, "cool" aisle atm: 13.81 degree centigrade  
 Intake right, "hot" aisle atm: 14.12 degree centigrade  
 exhaust left, "cool" aisle atm: 17.85 degree centigrade  
 exhaust right, "hot" aisle atm: 24.2 degree centigrade

Both of the fans are running in delta now - we want to try soon to let the left one spin in star mode, so there is some underpressure in the hot aisle which should prevent the miners blowing hot air over to the cold side. Regarding decibel levels: I have measurement equipment, but the place is noisy anyways - so it's hard to tell what's causing the levels. It's granted that the miners are louder than the big fans.

Miner Housing im Wasserkraftwerk

**Cablez**  
 Legendary

Activity: 1176



I owe my soul to the  
 Bitcoin code...



Ignore

**Polivka GmbH**  
 Member

Activity: 111

Hydromining!

**Re: Mining Container ~100kW by Polivka GmbH**  
 March 14, 2015, 02:17:50 PM

#42

Awesome, thanks for the data. Is there a rough estimate on your hashrate for that 120kW? Just curious.

Keep up the great work.

**Tired of substandard power distribution in your ASIC setup???** Chris' Custom **Cablez** will get you sorted out right!  
 No job too hard so PM me for a quote  
 Check my products or ask a question here: <https://bitcointalk.org/index.php?topic=74397.0>

**Re: Mining Container ~100kW by Polivka GmbH**  
 March 14, 2015, 02:31:56 PM

#43

Quote from: Cablez on March 14, 2015, 02:17:50 PM

Awesome, thanks for the data. Is there a rough estimate on your hashrate for that 120kW? Just curious.

Keep up the great work.

6/29/23, 1:47 PM

Mining Container ~100kW by Polivka GmbH



Ignore

Sorry, I honestly don't know - you would have to ask my clients for that...



Miner Housing im Wasserkraftwerk

**Stargazer**  
Sr. Member  
●●●●●



**Re: Mining Container ~100kW by Polivka GmbH**  
March 14, 2015, 05:06:16 PM

#44

**Quote from: sidehack on February 07, 2015, 04:34:40 PM**

Activity: 308

I'd definitely question the strength of the leg supports. What's the empty (no miners) weight of the fully-outfitted container? Adding 114x S5 to the mix will increase the weight by a good 900lb. Have you the engineering figures on the strength of the attachments, shear strength of the bolts and drilled-out tube?



Need moooore  
cooooins!



Ignore

**Polivka GmbH**  
Member  
👤👤

Activity: 111

Hydromining!



Ignore

Also, is there an option to run C20 cables instead of C14? If we're looking for space density, 2KW and 2.8KW PSUs (as well as SP30 and up) require C20 cables.

You forgot to add the weight of the operator inside. Somebody has to come in for maintenance once in a while and move around, which can change a lot in the distribution.  
Also, with all the wires inside there's not much room left for a person.



**d a d i c e**



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**Re: Mining Container ~100kW by Polivka GmbH**  
March 14, 2015, 05:27:06 PM

#45

Quote from: Stargazer on March 14, 2015, 05:06:16 PM

Quote from: sidehack on February 07, 2015, 04:34:40 PM

I'd definitely question the strength of the leg supports. What's the empty (no miners) weight of the fully-outfitted container? Adding 114x S5 to the mix will increase the weight by a good 900lb. Have you the engineering figures on the strength of the attachments, shear strength of the bolts and drilled-out tube?

Also, is there an option to run C20 cables instead of C14? If we're looking for space density, 2KW and 2.8KW PSUs (as well as SP30 and up) require C20 cables.

You forgot to add the weight of the operator inside. Somebody has to come in for maintenance once in a while and move around, which can change a lot in the distribution.  
Also, with all the wires inside there's not much room left for a person.



[http://en.wikipedia.org/wiki/Swap\\_body](http://en.wikipedia.org/wiki/Swap_body) You are allowed to put 16to inside that 😊

Also the aisles are 90cm in width, which is sufficiently spacy even for bigger persons.

Miner Housing im Wasserkraftwerk



**Re: Mining Container ~100kW by Polivka GmbH**  
April 02, 2015, 03:23:57 PM

#46

Serious mining anyone?

We have a new, improved air intake layout, also we will be able to spin the fans at different speed so to create a lower pressure in the hot aisle.

As for the stilts: We had a licensed structural engineer engineer calculate the whole thing, nothing in the

6/29/23, 1:47 PM

Mining Container ~100kW by Polivka GmbH

dimensions changed, we can put in up to 2 metric tons of payload at normal European wind speeds. Customers can have a CE sign for that.

Thanks for your attention!

Miner Housing im Wasserkraftwerk

**Polivka GmbH**

Member



Activity: 111

Hydromining!



Ignore



**Re: Mining Container ~100kW by Polivka GmbH**

April 20, 2015, 01:55:43 PM

#47

Some pictures:

"Old" stilts design vs. new one (on the right):

Air outlet, with side walls to prevent the hot air from getting sucked to the air intake again:

Inside:



Hot aisle, faster running fan:  
Cold aisle, slower running fan:



Letting the fans run at different speed functions really nice, you can feel a definite airflow from the cold aisle to the hot aisle over the whole shelf.

Miner Housing im Wasserkraftwerk

**philipma1957**  
 Legendary  
 ●●●●●●●●

 **Re: Mining Container ~100kW by Polivka GmbH**  
 April 20, 2015, 02:02:38 PM

#48

You made quite a nice piece of gear. Too bad btc is down so much.

Activity: 1008

This would be a perfect piece of gear for someone in Washington state USA power is under 5 cents. I would think the shipping to USA would be far too high. I do wish good luck for your gear as It is well thought out.



**Polivka GmbH**  
Member



Activity: 111

Hydromining!



Ignore

For now no signature.

**Re: Mining Container ~100kW by Polivka GmbH**  
April 20, 2015, 02:08:22 PM

#49

**Quote from: philipma1957 on April 20, 2015, 02:02:38 PM**

You made quite a nice piece of gear. Too bad btc is down so much.

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If somebody wants to set up a (near) Washington State company producing this things with me - I'm all open for it. This is really by far the cheapest way to set up capacity and it works just perfect.

Miner Housing im Wasserkraftwerk

**philipma1957**  
Legendary



Activity: 1008



Ignore

**Re: Mining Container ~100kW by Polivka GmbH**  
April 20, 2015, 02:11:41 PM

#50

**Quote from: Polivka GmbH on April 20, 2015, 02:08:22 PM**

**Quote from: philipma1957 on April 20, 2015, 02:02:38 PM**

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Now that would be a good idea. That State is far and away the best state in the USA for power cost. Making those containers in the state would be really practical.

For now no signature.

**Re: Mining Container ~100kW by Polivka GmbH**  
April 20, 2015, 08:03:39 PM

#51

**Quote from: philipma1957 on April 20, 2015, 02:11:41 PM**

**Quote from: Polivka GmbH on April 20, 2015, 02:08:22 PM**

**Quote from: philipma1957 on April 20, 2015, 02:02:38 PM**

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If they could manage to do a low priced version of one if these that would be interesting. I could see people going in together to buy and splitting cost. But it has to be a practical cost. If it cost's to much it would lose all the benefit of cheap electricity.



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Crypto and GHash Exchange..

**Newar**  
Legendary



Activity: 938

**Re: Mining Container ~100kW by Polivka GmbH**  
April 21, 2015, 01:57:21 AM

#52

**Quote from: notlist3d on April 20, 2015, 08:03:39 PM**

If they could manage to do a low priced version of one if these that would be interesting. I could see people going in together to buy and splitting cost. But it has to be a practical cost. If it cost's to much it would lose all the benefit of cheap electricity.



<https://glyph.me/hUF>

The main cost is the container. If I'm not mistaken a used 20ft-er can be had from about 6k USD. The rest depends on how much time you can invest in doing it yourself and your skillset.

I'm glad to see that this project seems to move forward!



Ignore

**dquancey**  
Sr. Member  
👍👍👍👍

Activity: 392



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**Unacceptable**  
Legendary  
👍👍👍👍👍

Activity: 1372



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OTC rating | GPG keyid 1DC91318EE785FDE | Glyph: lightning bicycle tree music | Mycelium, a swift & secure Bitcoin client for Android | LocalBitcoins



**Re: Mining Container ~100kW by Polivka GmbH**

April 21, 2015, 10:07:32 AM

#53

This is a brilliant concept.

It would be interesting to see how it develops.



**Re: Mining Container ~100kW by Polivka GmbH**

April 21, 2015, 10:31:31 AM

#54

Quote from: Newar on April 21, 2015, 01:57:21 AM

Quote from: notlist3d on April 20, 2015, 08:03:39 PM

If they could manage to do a low priced version of one if these that would be interesting. I could see people going in together to buy and splitting cost. But it has to be a practical cost. If it cost's to much it would lose all the benefit of cheap electricity.

The main cost is the container. If I'm not mistaken a used 20ft-er can be had from about 6k USD. The rest depends on how much time you can invest in doing it yourself and your skillset.

I'm glad to see that this project seems to move forward!

\$6000 🙄 You must be buying new..... 🙄

[http://www.ebay.com/itm/20-ft-used-Shipping-Ocean-Container-Steel-Water-wind-tight-Storage-Chicago-/281662529790?pt=LH\\_DefaultDomain\\_0&hash=item41946520fe](http://www.ebay.com/itm/20-ft-used-Shipping-Ocean-Container-Steel-Water-wind-tight-Storage-Chicago-/281662529790?pt=LH_DefaultDomain_0&hash=item41946520fe)

Most ports have PLENTY of used containers,in really good shape 🙄

Then get a flatbed to haul it for about \$100-500 depending on how far you go with it.

"If you run into an asshole in the morning, you ran into an asshole. If you run into assholes all day long, you are the asshole." - Raylan Givens  
Got GOXXED ?? <https://www.youtube.com/watch?v=9KiqRpIJAu&feature=youtu.be>



**Re: Mining Container ~100kW by Polivka GmbH**

April 21, 2015, 10:58:28 AM

#55

Quote from: Unacceptable on April 21, 2015, 10:31:31 AM

Quote from: Newar on April 21, 2015, 01:57:21 AM

Quote from: notlist3d on April 20, 2015, 08:03:39 PM

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Most ports have PLENTY of used containers,in really good shape 🙄

**notlist3d**  
Hero Member  
👍👍👍👍👍

Activity: 742



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Ignore

Then get a flatbed to haul it for about \$100-500 depending on how far you go with it.

I thought it sounded a little high aswell. I know I have seen used ones sold for storage for much less.

On new i have no idea how much it cost's it could be the 6k. If you look at the one they showcase in front page they are wanting 18k for it. I think it is very nice, but that is a lot of cash. That is what I was referring to when I said I thought you could do a lower priced version.



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**Newar**  
Legendary  
👤👤👤👤👤

Activity: 938



<https://gliph.me/hUF>



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**Polivka GmbH**  
Member  
👤👤

Activity: 111

Hydromining!



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**notlist3d**  
Hero Member  
👤👤👤👤👤

Activity: 742



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**Unacceptable**  
Legendary  
👤👤👤👤👤

Activity: 1372



**Re: Mining Container ~100kW by Polivka GmbH**

April 21, 2015, 11:00:35 AM

#56

Yup, mixed up prices with new.

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**Re: Mining Container ~100kW by Polivka GmbH**

April 21, 2015, 03:17:50 PM

#57

The second hand containers you get to buy are usually the ones which the transport companies don't want anymore. Guess what - they really know about containers....

We used "new" ones for this - new meaning produced in far east, one time loaded and shipped to Europe.



**Re: Mining Container ~100kW by Polivka GmbH**

April 21, 2015, 03:50:37 PM

#58

**Quote from: Polivka GmbH on April 21, 2015, 03:17:50 PM**

The second hand containers you get to buy are usually the ones which the transport companies don't want anymore. Guess what - they really know about containers....

We used "new" ones for this - new meaning produced in far east, one time loaded and shipped to Europe.

I don't know if I would agree about this completely. I worked for a big company that I did international transportation for the company. They made items that go world wide (i won't name company). But they shipped on boats, trains, and semi's. The biggest thing they cared about was size of container. I help write some of the code we did not track containers uses. And one use might take a big tole if treated wrong, and one use might not hurt it much at all. So number of uses was not really important.

I would agree the ones sold are not brand new and near as clean/nice as what you are using. But you could get a decent one not torn to heck. I don't know prices as I never really cared to buy one.



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**Re: Mining Container ~100kW by Polivka GmbH**

April 21, 2015, 11:53:50 PM

#59

**Quote from: notlist3d on April 21, 2015, 03:50:37 PM**

**Quote from: Polivka GmbH on April 21, 2015, 03:17:50 PM**

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Don't forget,in the US we don't ship out much but we import alot!!! So there's an ample supply of decent used containers in most any port 🙄

Go shopping guys!!! 🙄

I plan on building my house with USED containers BTW 🙄

"If you run into an asshole in the morning, you ran into an asshole. If you run into assholes all day long, you are the asshole." - Raylan Givens

Got GOXXED ?? <https://www.youtube.com/watch?v=9KiqRpPiJAU&feature=youtu.be> 🌙

**notlist3d**  
Hero Member  
👤👤👤👤👤

Activity: 742



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**Re: Mining Container ~100kW by Polivka GmbH**  
April 22, 2015, 01:07:29 AM

#60

Quote from: Unacceptable on April 21, 2015, 11:53:50 PM

Quote from: notlist3d on April 21, 2015, 03:50:37 PM

Quote from: Polivka GmbH on April 21, 2015, 03:17:50 PM

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I plan on building my house with USED containers BTW 🙄

We did a tiny tiny bit of export of us. Most was import as you said. And a surprising amount of US to US. And we imported to a lot of other countries aswell. But on containers our product was loaded and they sent it on a boat for a decent voyage. These products were not time sensitive, so you just shipped them far enough in advance to cover demand. But travel time was quite a bit on the boats.

I can say I have worked with most of the big companies on shipping with containers, and if something is imputed wrong it is a huge pain. Not all the companies use nice new software, so you are getting tons of legacy software tied into new software.

But yea container prices can be a lot less used. With the big companies they have HUGE volume so they their price on containers is less then what a individual would get going to a company pumping out new ones.



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