greenMachine®

Quick Reference

RYB 6000

yellobrik extension for RFR 6000

For optimum placement and cable management within an equipment room, the RYB 6000 rack extension allows housing of up to 6 yellobrik modules alongside greenMachine hardware on an RFR 6000 rack frame.

RFR 6000 with green**Machine** and **six yellobriks** in **ONE RACK**

UNPACKING THE RYB 6000 RACK FRAME EXTENSION

We have included everything that is required for assembling the RYB 6000 to the RFR 6000 rack frame.

WHAT'S IN THE BOX?

- ☑ **1x rack frame extension (RYB 6000)**
- ☑ **1x Quick Reference Guide**
- ☑ **1x Warranty Card**
- ☑ **3x Countersunk Screws**

yellobrik rack frame extension (RYB 6000)

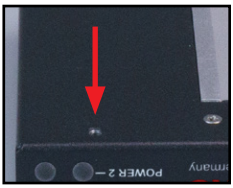
Quick Reference Guide

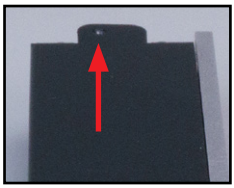
Warranty Card

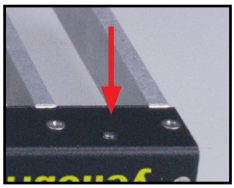
1 Install RYB 6000 onto RFR 6000

Step 1: Flip the RYB 6000 upside down as shown in the picture.

Step 2: The three screw holes required for securing RYB 6000 on RFR 6000 are shown as below:





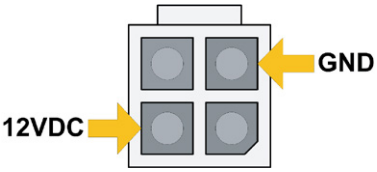


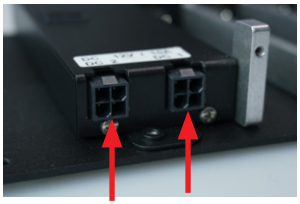
Step 3: Place the RFR 6000 rack frame mounting tray over RYB 6000 and align the holes in the mounting tray with the holes on RYB 6000.

Step 4: Use the 3 countersunk screws to attach the RYB 6000 to the mounting tray.

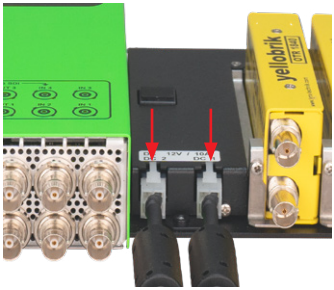
2 Connecting Power Connections

The chasis of RYB 6000 is equipped with two external power connectors, one for primary power and a second for redundant power (if needed). The connectors are located on the rear of the chassis. If supplying your own power, usa a Molex MiniFit Series 5557 connector. Power should be 12V/10A.

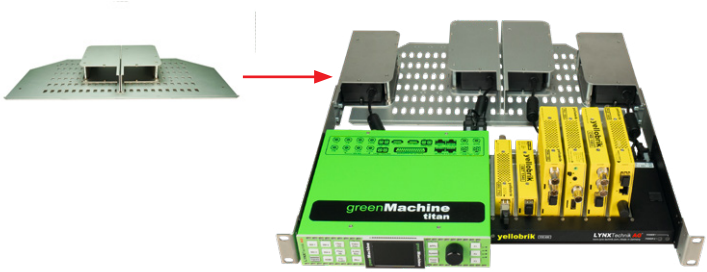




Step 1: Connect the primary and seconday (if needed) power supply as shown in the picture below:

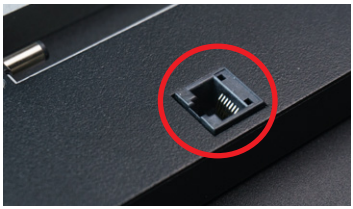


Step 2: **Optional:** Use RXT 6001 for optimum placement and management of power supplies.



3 Power Alarms

The chasis is equipped with GPIO interface that allows reporting of power supply alarms to external interface via RJ-45 connector port. The front of the rack consists of two LEDs that indicate power presence on each power supply interface. In the event of a supply failure the transition to the redundant backup is seamless.



GPI Interface

Power LEDs

RJ45 Pin	Description
1	GPO 2A
2	GPO 2B
3	NC
4	NC
5	NC
6	NC
7	GPO 1A
8	GPO 1B

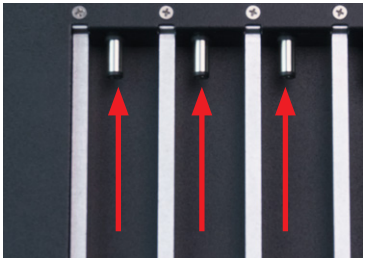
GPO	Power Supply State
GPO 1	**Closed:** Not Available **Open:**Available
GPO 2	**Closed:** Not Available **Open:**Available

GPI Pinning and GPO Function

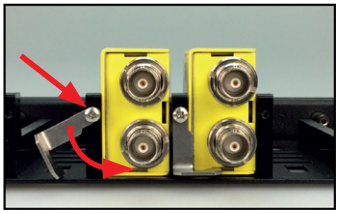
4 Mounting yellobrik

Any yellobrik can be mounted into the chassis and secured firmly in place with the mechanical mounting brackets provided. Power is taken from the central power bus which plugs into the module.

Step 1: Insert yellobrik module in the rack



Step 2: Partially screw one of the supplied brackets into the mounting hole (where shown). Position the bracket to clamp the module into place and then tighten.



RYB-6000_R01

greenMachine®

SPECIFICATIONS

DEPTH	129.5mm (5.1“) with RFR 6000: 48.05 cm (18.92“)
WIDTH	218mm (8.58”)
HEIGHT	24mm (0.94”)
WEIGHT	480g (1.06 lbs)
MODEL #	RYB 6000
EAN #	4250479325012
INCLUDES	RYB 6000 rack extension and quick reference guide.

Visit the Product Page:

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