What are the line and branch current limitations for my rack PDU?

Learn how to manage the current load on a Server Technology rack PDU.

Typical Application

Understanding the limitations of the line and branch currents can sometimes be confusing. Phase, voltage, and input plug types all play a part. How do I know what these limitations are?

Our Solution

Refer to the following tables to understand the current limitations of our rack PDU.

North America (USA, Canada, Mexico)					
1-Phase or 3-Phase	Nominal voltage (V)	Input Plug Current (A)	Input Current Rating (A)	Maximum Phase Current (A)	Maximum Branch Current (A)
1	208	20	16	16.0	16
1	208	30	24	24.0	16
1	208	50	40	40.0	16
1	208	60	48	48.0	16
3	120/208 (Wye) or 240 (Delta)	20	16	9.2	16
3	120/208 (Wye) or 240 (Delta)	30	24	13.9	16
3	120/208 (Wye) or 240 (Delta)	50	40	23.1	16
3	120/208 (Wye) or 240 (Delta)	60	48	27.7	16
3	120/208 (Wye) or 240 (Delta)	100	80	46.2	16
3	240/415	20	16	16.0	16
3	240/415	30	24	24.0	16
3	240/415	60	48	48.0	16
3	240/415	100	80	80.0	16

EMEA/APAC (except Japan)					
1-Phase or 3-Phase	Nominal voltage (V)	Input Plug Current (A)	Input Current Rating (A)	Maximum Current (A) Per Line (L1,L2,L3)	Maximum Branch Current (A)
1	230	16	16	16.0	16
1	230	32	32	32.0	16
1	230	63	48	48.0	16
3	230/400	16	16	16.0	16
3	230/400	32	32	32.0	16
3	230/400	63	63	63.0	16
3	230/400	125	125	125.0	16

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About Server Technology®

Server Technology, a brand of Legrand, is leading the engineering and manufacturing of customer-driven, innovative and exceptionally reliable power, access and control solutions for monitoring and managing critical IT assets for continual availability.

Server Technology's power strategy experts are trusted to provide Rack PDU solutions for data centers worldwide ranging from small technology startups to Fortune 100 powerhouses. Because power is all we do, Server Technology can be found in the best cloud and colocation providers, forward thinking labs, and telecommunications operations.

Server Technology customers consistently rank us as providing the highest quality PDUs, the best customer support, and most valuable innovation. We have over 12,000 PDU configurations to fit every data center need and most of our PDUs are shipped within 10 days.

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1-800-835-1515
sales@servertech.com
www.servertech.com

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