

Server Deployment Power Chart

Number of Servers Each Circuit Type Can Support

Circuit Type Capacity De-rated 20%	United States and Canada														Global			
	120V			208V			3phase 208V				415V 3phase 240V		480V 3phase 277V		230V***		400V 3phase 230V***	
	(L)5-15	(L)5-20	L5-30	(L)6-15	(L)6-20	L6-30	L15(21)-20	L15(21)-30	50A 3ph**	60A 3ph	20A 3phase	30A 3phase	20A 3phase	30A 3phase	16A Commando	32A Commando	16A 3ph	32A 3ph
	1440	1920	2880	2496	3328	4992	5764	8646	14410	17292	11520	17280	13296	19944	3680	7360	11040	22080
100	14	19	28	24	33	49	57	86	144	172	115	172	132	199	36	73	110	220
200	7	9	14	12	16	24	28	43	72	86	57	86	66	99	18	36	55	110
300	4	6	9	8	11	16	19	28	48	57	38	57	44	66	12	24	36	73
400	3	4	7	6	8	12	14	21	36	43	28	43	33	49	9	18	27	55
500	2	3	5	4	6	9	11	17	28	34	23	34	26	39	7	14	22	44
600	2	3	4	4	5	8	9	14	24	28	19	28	22	33	6	12	18	36
700	2	2	4	3	4	7	8	12	20	24	16	24	18	28	5	10	15	31
800	1	2	3	3	4	6	7	10	18	21	14	21	16	24	4	9	13	27
900	1	2	3	2	3	5	6	9	16	19	12	19	14	22	4	8	12	24
1000	1	1	2	2	3	4	5	8	14	17	11	17	13	19	3	7	11	22
1100	1	1	2	2	3	4	5	7	13	15	10	15	12	18	3	6	10	20
1200	1	1	2	2	2	4	4	7	12	14	9	14	11	16	3	6	9	18
1300	1	1	2	1	2	3	4	6	11	13	8	13	10	15	2	5	8	16
1400	1	1	2	1	2	3	4	6	10	12	8	12	9	14	2	5	7	15
1500		1	1	1	2	3	3	5	9	11	7	11	8	13	2	4	7	14
1600		1	1	1	2	3	3	5	9	10	7	10	8	12	2	4	6	13
1700		1	1	1	1	2	3	5	8	10	6	10	7	11	2	4	6	12
1800		1	1	1	1	2	3	4	8	9	6	9	7	11	2	4	6	12
1900		1	1	1	1	2	3	4	7	9	6	9	6	10	1	3	5	11
2000			1	1	1	2	2	4	7	8	5	8	6	9	1	3	5	11
2100			1	1	1	2	2	4	6	8	5	8	6	9	1	3	5	10
2200			1	1	1	2	2	3	6	7	5	7	6	9	1	3	5	10
2300			1	1	1	2	2	3	6	7	5	7	5	8	1	3	4	9
2400			1	1	1	2	2	3	6	7	4	7	5	8	1	3	4	9
2500			1		1	1	2	3	5	6	4	6	5	7	1	2	4	8
2600			1		1	1	2	3	5	6	4	6	5	7	1	2	4	8
2700			1		1	1	2	3	5	6	4	6	4	7	1	2	4	8
2800			1		1	1	2	3	5	6	4	6	4	7	1	2	3	7
2900					1	1	1	2	4	5	3	5	4	6	1	2	3	7
3000					1	1	1	2	4	5	3	5	4	6	1	2	3	7
3100					1	1	1	2	4	5	3	5	4	6	1	2	3	7
3200					1	1	1	2	4	5	3	5	4	6	1	2	3	6
3300					1	1	1	2	4	5	3	5	4	6	1	2	3	6
3400					1	1	1	2	4	5	3	5	3	5	1	2	3	6
3500					1	1	2	4	4	4	3	4	3	5	1	2	3	6
3600					1	1	2	4	4	4	3	4	3	5	1	2	3	6
3700					1	1	2	3	4	4	3	4	3	5		1	2	5
3800					1	1	2	3	4	4	3	4	3	5		1	2	5
3900					1	1	2	3	4	4	2	4	3	5		1	2	5
4000					1	1	2	3	4	4	2	4	3	4		1	2	5
4100					1	1	2	3	4	4	2	4	3	4		1	2	5
4200					1	1	2	3	4	4	2	4	3	4		1	2	5
4300					1	1	2	3	4	4	2	4	3	4		1	2	5
4400					1	1	1	3	3	3	2	3	3	4		1	2	5
4500					1	1	1	3	3	3	2	3	2	4		1	2	4
4600					1	1	1	3	3	3	2	3	2	4		1	2	4
4700					1	1	1	3	3	3	2	3	2	4		1	2	4
4800					1	1	1	3	3	3	2	3	2	4		1	2	4
4900					1	1	1	2	3	3	2	3	2	4		1	2	4
5000							1	1	2	3	2	3	2	3		1	2	4

*If you are using Nameplate power rating, the actual maximum power draw could be much less (20-50% on average)

*** Be sure that selected 50A 3phase PDU has 6 Branches in order to support the maximum power the circuit offers. If the selected 50A 3phase PDU provides only 3 branches, deliverable power is limited by the PDU to only 9984W. Server Technology's 50A 3phase CDUs all contain 6 branch

*** International circuits do not require de-rating. Stated wattage is maximum capacity, not 80% derated