



Global Direct Electronic Outlet, LLC.

**Recommend JP X series & VP series for CCTV & DVR only**

Equipment	Item	Load	Total	EBM	UPS	30min	45min	1hr	2hr	4hr	8hr	12hr	24hr
1 Camera	Power Supply with 1 VCR	30VA	50VA	ADD	VP	600	800	1000/1400	2000				
		20VA			JP X	1500	1500	1500	1500	1500	2000	2000	2000
					EBM	0	0	0	0	0	1	2	5
1 Camera	Power Supply with 1 DVR	30VA	200VA	ADD	VP	1000	1400	2000					
		170VA			JP X	1500	1500	1500	1500	2000	2000	2000	3000
					EBM	0	0	0	0	1	2	4	4
4 Cameras	Power Supply with MUX/VCR	120VA	160VA	ADD	VP	800	1000	1400/2000					
		40VA			JP X	1500	1500	1500	1500	1500	1500	1500	3000
					EBM	0	0	0	0	1	2	4	3
4 Cameras	Power Supply with 1 DVR	120VA	290VA	ADD	VP	1400/2000							
		170VA			JP X	1500	1500	1500	2000	2000	2000	3000	3000
					EBM	0	0	0	1	2	4	3	6
9 Cameras	Power Supply with MUX/VCR	240VA	300VA	ADD	VP	1400/2000							
		60VA			JP X	1500	1500	2000	2000	2000	2000	3000	3000
					EBM	0	0	0	1	2	4	3	6
9 Cameras	Power Supply with 1 DVR	240VA	450VA	ADD	VP								
		210VA			JP X	1500	2000	1500	1500	2000	3000	3000	3000
					EBM	0	0	1	2	4	3	4	9
16 Cameras	Power Supply with MUX/VCR	480VA	550VA	ADD	VP								
		70VA			JP X	2000	1500	2000	2000	2000	3000	3000	3000
					EBM	0	1	1	2	4	4	5	10
16 Cameras	Power Supply with 1 DVR	480VA	700VA	ADD	VP								
		220VA			JP X	2000	2000	1500	2000	3000	3000	3000	3000
					EBM	0	1	2	3	3	5	7	14

\*System equipment reference does not include monitors or auxiliary device power.

\*VP Series is suitable for more stable power environment, JP X is suitable for more rough power environment.

\*This chart is helping CCTV Rep. to choose UPS. It is for reference only.

\*Its tolerances is around +/- 2-3 minutes as time goes longer it will get higher.