

Protocol Power Products

Power supply selection matrix

Power supply family	Power supply type range	Principle Maximum & Minimum ratings for each power supply type range							
		V _{min} Volts	V _{max} Volts	I _{min} Amps	I _{max} Amps	P _{min} Watts	P _{max} Watts	E _{min} J/s	E _{max} J/s
<ul style="list-style-type: none"> Low voltage power supplies (floating output) 	NTN	6.5	350	0.5	4000	35	105000		
	NYN	12.5	350	20	4000	7000	105000		
	NCN	32	55	22,5	180	1250	5000		
<ul style="list-style-type: none"> Autorangeing power supplies (float. outp. for < 3000 V) 	NCA	55	3000	40	160	750	3000		
	MCA	150	3000	0.75	180	750	9000		
<ul style="list-style-type: none"> Medium voltage power supplies (floating output) 	MCP	125	2000	0.006	120	14	15000		
	MYN	650	2000	3	100	7000	70000		
<ul style="list-style-type: none"> High voltage powersupplies 	HCP	3500	150000	0.0005	4.5	14	15000		
	HCH	650	300000	0.0015	75	350	50000		
	HYN	3500	20000	0.3	20	7000	70000		
<ul style="list-style-type: none"> High voltage cassette power supplies 	HCE	125	35000	0.0002	2.5	7	350		
	HCN 7E	125	35000	0.0002	0.05	7	7		
<ul style="list-style-type: none"> Capacitor charging, high voltage, power supplies 	HCK	2000	65000	0.003	20			100	20000
<ul style="list-style-type: none"> Superconductor power supplies 	NTS		65	10000					
<ul style="list-style-type: none"> Linear power supplies Bipolar & Unipolar, High voltage bipolar power supplies 	NLN (linear with unipolar output)	6.5	500	0.06	120	35	1400		
	NLB (linear with bipolar output)	± 6.5	± 350	± 0.1	± 120	35	1400		
	HCB (High voltage bipolar output - capable of continuous zero crossing)	± 1250	± 20000	± 0.001	± 0.01	1.4	200		
<ul style="list-style-type: none"> Custom power supplies 	Typical examples	To customer specification. Please contact us with details of your application							

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