

ZNet drives and power supplies technical specification

NPS: power supply with braking resistor

NPS module	NPS40	NPS80
Supply Voltage	400 Vac $\pm 10\%$ 50 / 60 Hz 480 Vac -10%+5% 50 / 60 Hz	
DC Bus	565 $\pm 10\%$ Vdc 675 -10%+5% Vdc	
Nom/pk Power (kW)	23/45	45/90
AUX Supply Voltage (vdc)	24	
Dimensions mm (H x D)	411x252	
Width (mm)	50	100
Weight (Kg)	5	9

NR: regenerative power supply modules

NR Module	NR50	NR80	NR100	NR140	NR200
Supply Voltage	400 Vac $\pm 10\%$ 50 / 60 Hz 480 Vac -10%+5% 50 / 60 Hz				
DC Bus	565 $\pm 10\%$ Vdc 675 -10%+5% Vdc				
Nom/pk Power (kW)	31/62	50/100	63/125	88/131	125/188
AUX Supply Voltage (vdc)	24				
Dimensions mm (H x D)	441x252				
Width (mm)	100	150	150	200	300

N(S): power modules for single motor

NxxS Module	N5S	N10S	N20S	N35S	N50S	N80S	N100S	N140S	N200S
Input Voltage	507-720 Vdc								
Output Voltage	0-480 Vdc three-phase								
Rated Output Current (Arms)	5	10	20	35	50	80	100	140	200
Peak Output Current (Arms)	15	30	60	70	100	160	200	210	300
Dimensions mm (H x D)	411x252								
Width (mm)	50	50	50	100	100	150	150	200	300
Weight (Kg)	3	5	5	9	9	13	16	20	27

NxxD(S): power modules for two motors

NxxS Module	N5S	N10S	N20S
Input Voltage	507-720 Vdc		
Output Voltage	0-480 Vdc three-phase		
Rated Output Current (Arms)	5	10	20
Peak Output Current (Arms)	15	30	60
Dimensions mm (H x D)	411x252		
Width (mm)	50	50	50
Weight (Kg)	4	6	6

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