

500 V Series

Model		SXN6302-500-20M	SXN6303-500-30M	SXN6305-500-40	SXN6310-500-80	SXN6315-500-120	SXN6320-500-160	SXN6330-500-240
Output Range	Volt.	0–500V						
	Curr.	-20A–20A	-30A–30A	-40A–40A	-80A–80A	-120A–120A	-160A–160A	-240A–240A
	Power	-1.8kW–1.8kW	-3kW–3kW	-5kW–5kW	-10kW–10kW	-15kW–15kW	-20kW–20kW	-30kW–30kW
	Res.	0–500Ω						
Setting Accuracy	Volt.	≤0.02%FS						
	Curr.	≤0.05%FS						
	Power	≤0.50%FS						
Setting Resolution	Volt.	0.01V						
	Curr.	0.01A						
	Power	0.001kW						
Readback Accuracy	Volt.	≤0.02%FS						
	Curr.	≤0.05%FS						
	Power	≤0.50%FS						
Readback Resolution	Volt.	0.01V						
	Curr.	0.01A						
	Power	0.001kW						
Ripple (20 Hz-2 MHz)	Vrms	95mV						
	Vpp	600mV						
Transient Response Time	Volt.	≤1.5ms						
Rise Time	Volt.	30ms(10%–90%)						
Source/Sink Transition Time	Curr.	2ms(+90%—90%)						
Line Regulation	Volt.	≤0.02%FS						
	Curr.	≤0.05%FS						
Load Regulation	Volt.	≤0.05%FS						
	Curr.	≤0.15%FS						
Overvoltage Protection (OVP)		Adjustable, 0-110% FS						
Remote-Sense Compensation Voltage		25V						
Protection Functions		OVP, OCP, OPP, OTP, reverse-polarity protection for Vsense, and input overvoltage/undervoltage protection						
Parallel Operation		Supports multiple units in parallel						
Communication Interfaces (Standard)		RS232, RS485, CAN, LAN, USB						
Analog Control Interface (Optional)		Start, stop, alarm, 0-5 V, 0-10 V, or 4-20 mA						
Efficiency		–93%						
Operating Temperature		0–40°C						
Storage Temperature		-10°C–70°C						
Humidity		20%-90% RH, non-condensing						
AC Input	Phase s	Single-phase, two-wire + PE			Three-phase, three-wire + PE			
	Volt.	198–242V			342–528V			
	Freq.	47–63Hz						
	PF	0.99						
	Regen. Eff.	95%						
Dimensions (W x H x D, mm)		19-inch standard 3U chassis, 482 x 133.3 x 795 mm						
Weight (kg)		23	23	24	32	40	34	43