

1000 V Series

Model		SXN6310-1000-40	SXN6320-1000-80
Output Range	Volt.	0–1000V	
	Curr.	–40A–40A	–80A–80A
	Power	–10kW–10kW	–20kW–20kW
	Res.	0–1000Ω	0–1000Ω
Setting Accuracy	Volt.	≤0.02%FS	
	Curr.	≤0.05%FS	
	Power	≤0.50%FS	
Setting Resolution	Volt.	0.1V	
	Curr.	0.01A	
	Power	0.001kW	
Readback Accuracy	Volt.	≤0.02%FS	
	Curr.	≤0.05%FS	
	Power	≤0.50%FS	
Readback Resolution	Volt.	0.1V	
	Curr.	0.01A	
	Power	0.001kW	
Ripple (20Hz–2MHz)	Vrms	295mV	310mV
	Vpp	1700mV	2000mV
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		50V	
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	Phases	Three-phase, three-wire + PE	
	Volt.	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)		32	34