

100 V Series

Model		SXN6302-100-120 M	SXN6303-100-150 M	SXN6305-100-170	SXN6310-100-340	SXN6315-100-510
Output Range	Volt.	0–100V				
	Curr.	-120A–120A	-150A–150A	-170A–170A	-340A–340A	-510A–510A
	Power	-1.8kW–1.8kW	-3kW–3kW	-5kW–5kW	-10kW–10kW	-15kW–15kW
	Res.	0–100Ω				
Setting Accuracy	Volt.	≤0.02%FS				
	Curr.	≤0.05%FS				
	Power	≤0.5%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 (20Hz–2MHz)	Vrms	35mV				
	Vpp	250mV				
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		5V				
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