

80 V Series

Model		SXN6202-80 -120M	SXN6203-80 -150M	SXN6203-8 0-40S	SXN6206-8 0-80S	SXN6205-8 0-170	SXN6210-8 0-340	SXN6215-8 0-510	SXN6218-80 -510X
Output Range	Volt.	0–80V							
	Curr.	0–120A	0–150A	0–40A	0–80A	0–170A	0–340A	0–510A	0–510A
	Power	0–1.8kW	0–3kW	0–3.2kW	0–6.4kW	0–5kW	0–10kW	0–15kW	0–18kW
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 (20Hz–2MHz)	Vrms	30mV		50mV		30mV			
	Vpp	250mV		500mV		250mV			
Transient Response Time	Volt.	≤2ms							
Rise Time	Volt.	50ms(10%–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		4V							
Protection Functions		OVP, OCP, OPP, OTP, reverse-polarity protection for Vsense, and input overvoltage/undervoltage protection							
Parallel Operation		Supports multiple units in parallel		Parallel operation is not supported		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	Single-phase, two-wire + PE		Three-phase, three-wire + PE					
	Volt.	198–242V		340–420V					
	Freq.	47–63Hz							
	PF	0.99							
Dimensions (W x H x D, mm)		19-inch standard 3U chassis, 482 x 133.3 x 690 mm							
Weight (kg)		17	17	19	31	18	29	40	41