

SG 800VA – 3kVA Selection Guide (Tower models)

	MODEL (x denotes standard as marked) (O denotes optional available feature)	S G 8 0 - 1 T	S G 1 K - 1 T	S G 1 K - 2 T	S G 1 K - 1 T	S G 1 K - 5 T	S G 2 K - 1 T	S G 2 K - 2 T
INPUT	120Vac	X	X		X		X	
	200-240Vac			X		X		X
	Line Cord & Plug	Standard						
	Input Power Factor Correction	Standard						
	Input circuit breaker on rear panel	Standard						
OUTPUT	Isolated 120Vac with new neutral							
	120Vac (no isolation)	X	X		X		X	
	208 or 220 or 230 or 240Vac direct from the inverter (Rear panel switch selectable)			X		X		X
	240/120Vac split-phase (Optional output configuration; specify at the time of order)							
	Hardwire (No UL)	O	O	O	O	O	O	O
	Output Receptacles	Standard						
	Frequency Converter fixed output frequency (Optional; specify at the time of order)	Optional (Refer to bypass options also)						
BYPASS	Internal Bypass	Standard						
	Disable Internal Bypass (specify at the time of order)	Optional (Standard with frequency converter option)						
	External Maintenance Bypass available (make-before-break) (Separate options; refer to MBS datasheet)	Optional						
BATTERY	UPS has battery fuse on the rear panel	Standard						
	Battery Voltage	36Vdc			72Vdc			
	Supports Optional External Extended Battery Banks	Request Anderson connector be installed at the time of order						
	Additional Battery Charger Available Inside Banks	O			O			
MECHANICAL	Size (H x W x D)	inches (mm)			8.7 x 6.0 x 15.8 (220.9 x 152.4 x 401.3)		13.8 x 7.6 x 18.9 (350.5 x 193.0 x 480.0)	
	Weight	lbs. (kg)			33 (14.9)		68 (30.9)	
COMMUNICATIONS	RS-232 Port (DB-9)	Standard						
	Upsilon Monitoring and Shutdown Software and cable	Standard						
	Internal SNMP/HTTP Agent with Mib-II and client software	Optional						
	Dry Contact Closure Interface (cannot use SNMP.HTTP)	Optional (Four different styles available; refer to Falcon)						
AGENCY	UL, CUL (with U.S. plug and receptacles only)	X	X		X		X	X
	CE (with IEC or Shucko Plug & Receptacles Only)	X		X		X		X
	FCC Class A	Standard						

SG 800VA - 3kVA Selection Guide (continued)

	MODEL (x denotes standard as marked) (O denotes optional available feature)	S G 2 K - 2 T X I	S G 3 K - 1 T	S G 3 K - 2 T	S G 3 K - 2 T X
INPUT	120Vac		X		
	200-240Vac	X		X	X
	Hardwire	O	O	O	O
	Line Cord & Plug	Standard			
	Input Power Factor Correction	Standard			
	Input circuit breaker on rear panel	Standard			
OUTPUT	Isolated 120Vac with new neutral	X			X
	120Vac (no isolation)		X		
	200 or 220 or 230 or 240Vac direct from the inverter (Rear panel switch selectable)	O		X	X
	240/120Vac split-phase (Optional isolated output configuration; specify at the time of order)	X			O
	Hardwire	O	O	O	O
	Output Receptacles	Standard			
	Frequency Converter fixed output frequency (Optional; specify at the time of order)	Optional (Refer to bypass options also)			
BYPASS	Internal Bypass	Standard			
	Disable Internal Bypass (specify at the time of order)	Optional (Standard with frequency converter option)			
	External Maintenance Bypass (make-before-break) (Separate options; refer to MBS datasheet)	Optional			
BATTERY	Battery fuse on the rear panel	Standard			
	Battery Voltage	72Vdc	96Vdc		
	Supports Optional External Extended Battery Banks (up to two strings per bank, 240Vac)	Request Anderson connector to be installed at time of order			
	Additional Battery Charger Available Inside Battery Banks	O	O		
MECHANICAL	Size (H x W x D) inches (mm)	13.8 x 7.6 x 30.0 (350 x 193 x 720)	13.8 x 7.6 x 18.9 (350 x 193 x 480)	13.8 x 7.6 x 30.0 (350 x 193 x 720)	
	Weight lbs. (kg)	150.0 (68)	81.4 (37)	150.0 (68)	
COMMUNICATIONS	RS-232 Port (DB-9)	Standard			
	Upsilon Monitoring and Shutdown Software and cable	Standard			
	Internal SNMP/HTTP Agent with Mib-II and client software	Optional			
	Dry Contact Closure Interface (cannot use SNMP.HTTP)	Optional (Four different styles available; refer to Falcon)			
AGENCY	UL, CUL (with U.S. plug and receptacles only)	X	X		X
	CE (with IEC or Shucko Plug & Receptacles Only)	X		X	X
	FCC Class A	Standard			