

FALCON ON-LINE UPS QUICK SELECTION GUIDE

Model Family	SSG Series	SSG-RP Ultra	SG Series	SG Series	FN Series	ED Series (-1)	EDRM Series	SSG Series
Features	(Single Output) (No Isolation) ENHANCED !	(Single Output) (No Isolation) NEW !	(Single Output) (No Isolation)	(Dual Output) (With Isolation)	Parallel & N+1 (Single & Dual Output) (With Isolation)	(Single Output) (No Isolation)	(Single Output) (No Isolation)	(Single Output) (With Isolation)
Sizes Available (Tower)	1.5kVA 2.2kVA & 3kVA Standard	N/A	800VA, 1kVA, 1.5kVA, 2kVA, 3kVA, 5kVA & 6kVA	2kVA, 3kVA, 5kVA & 6kVA	3kVA to 40kVA 3, 4, 5, 6, 8 & 10kVA Units	1kVA, 1.5kVA, 2kVA & 2.4kVA	N/A	500VA
Sizes Available (Rackmount)	1.5kVA, (1 2U Rackmount) 2.2kVA & 3kVA (2 2U Rackmount)	1kVA, 1.5kVA, 2kVA, 2.5kVA & 3kVA (2 2U Rackmount)	1kVA, (1 2U Rackmount) 2kVA & 3kVA (2 2U Rackmount)	N/A	3kVA to 40kVA 3, 4, 5, 6, 8 & 10kVA Units NEW !	N/A	1kVA, 1.5kVA, 2kVA, 2.4kVA, 3kVA, 4kVA & 5kVA	Flat Table Top
Rackmount Mounting Slides Available?	YES			NO	Must be installed on a rack shelf No Slides Available	NO	YES	NO
Product Functions	UPS, Voltage Regulator, Power Factor Corrector					UPS, Voltage Regulator		
Battery Type	10 Years Standard	High Temp.	5 Years 10 Years Optional	5 Years Standard 10 Years Optional	5 Years Standard 10 Years Optional	5 Years Standard		
Operational Temperature Range	-20°C to 55°C (32°F to 131°F)	-30°C to +65°C -22°F to +149°F	0°C to 40°C 32°F to 104°F	0°C to 40°C 32°F to 104°F	0°C to 40°C 32°F to 104°F	0°C to 50°C 32°F to 122°F	0°C to 50°C 32°F to 122°F	0°C to 40°C 32°F to 104°F
Input/Output Voltage(s)	-1 Models Input/Output 120Vac -2 Models Input/Output 208 or 220 or 230 or 240Vac	-1 Models Input/Output 120Vac -2 Models Input/Output 208 or 220 or 230 or 240Vac	1kVA-3kVA Models -1 Models Input/Output 100-120Vac -2 Models Input/Output 200-240Vac 5-6kVA -X1T, X2T & X2TC Input: -X1T = 120Vac -X2T = 208-240Vac Output 1: -X1T & X2T 208-240Vac 5-6kVA -2T & -2TC Input: 208-240Vac Output: 208-240Vac	2-3kVA Models Input 208-240Vac Output 1: 120Vac Output 2: 208-240Vac 5-6kVA -TX & -TXC Models Input 208-240Vac Output 1: 120Vac Output 2: 208-240Vac	-T Models Input: 208-240Vac, Hardwire Output : 208-240Vac, Hardwire No input/output isolation -TX Models Input: 208-240Vac, Hardwire Output 1: Isolated 120Vac, Hardwire Output 2: 208-240Vac, Hardwire -TXI Models Input: 208-240Vac, Hardwire Output: 3 wire plus ground 120/240Vac, Hardwire	-1 Models Input/Output 120Vac	-1 Models Input/Output 120Vac	-1 Models Input/Output 120Vac
Input/Output Phase	Single/Single				Single/Single Or Single/Split	Single/Single		
Standard Input/Output Frequency	50/60Hz Auto Select				50/60 Auto Select (user programmable)	50/60/400Hz Set at Factory		
International Frequency Conversion Fixed 50/60Hz Option?	YES				YES (Derate output 25% and cannot be paralleled when set)	YES		
True On-Line UPS Battery Backup?	YES							
Input Power Factor Correction?	YES							NO
Output Voltage Regulation?	±2% Typical (See datasheet)					±2%	±3%	
Output Waveform?	True Sinewave							
Output Load Segment Control?	YES				NO			
Can UPS Units be Connected in Parallel? (up to 4 units)?	NO				YES		NO	
Can UPS Units be Configured for N+1 Redundant Operation (up to 4 units)?	NO				YES		NO	
User-Replaceable Batteries?	YES		NO		YES		NO	
Hot-swappable Batteries?	YES		2 & 3k Rackmount Models Only	NO		YES		NO
Battery Replacement Notification?	YES					NO		
Optional Extended Battery Banks?	YES						NO	
Input Galvanic Isolation?	NO		-X1T, -X2T & -2XTC 5 & 6kVA Models Only	-X2T 2 & 3kVA Models (Single Output Only)	NO			
Output Galvanic Isolation?	NO			2kVA: Output 1 & 2 3, 5 & 6kVA: Output 1 only	-TXI Models	NO		YES (Internal high frequency galvanic isolation)
Line Cord, Plug & Receptacles Standard on Unit?	YES				Hardwire		YES	
Special Output Receptacle Configurations Available Upon Request?	YES							
Hardwire Configuration Available?	YES		Specified 2, 3, 5 & 6kVA Models All other models contact factory	NO		YES		NO
External No-Break Maintenance Bypass Switch Available?	YES				NO			
Microprocessor Controlled?	YES (DUAL PROCESSORS)		YES (SINGLE)		YES		DSP MICROPROCESSOR	
Dry Contact Closure Interface?	YES, DRY CONTACT CARD OPTIONAL					YES		
True RS-232 Interface?	YES					NO		
USB Interface?	STANDARD		OPTIONAL SPECIAL CABLE				NO	
Computer Shutdown & Management Software?	YES							
SNMP/HTTP Web Interface?	YES, AGENT CARD OPTIONAL					NO		
SNMP/HTTP Options ALL NEW !	1. REMOTE TEMPERATURE AND HUMIDITY MONITOR 2. SMOKE DETECTOR 3. WATER SENSOR 4. MAGNETIC SWITCH CONTACTS 5. VIBRATION SENSOR					NONE		
SNMP/HTTP Supported Protocols	NEW ! NEW ! NEW ! NEW ! TELNET – YES IPv4 – YES IPv6 – YES SNMPv3 – YES RADIUS – YES ALL PORTS SECURE MODE – YES (OPTIONAL)					NONE		

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