SVRP RACKMOUNT 1.5-3KVA STANDARD & HARDWIRED VOLTAGE REGULATOR

DATASHEET

Overview

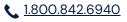
The Falcon SVRP Voltage Regulator Series provides superior transient protection and precision voltage regulation, regenerating clean AC power with advanced microprocessor control, power-factor correction, and multi-tier protection ensuring reliable performance and optional global frequency conversion.



Key Advantages

- Certified: -20°C to 55°C temperature range. The SVRP voltage regulator is agencycertified (UL, cUL, CE) to operate reliably in demanding environments.
- Available options / advanced communications: NEMA 3R-rated enclosures, environmental protection, remote management, environment sensors, relay cards and much more.
- Optional configuration: For use as an international 50 or 60 Hertz frequency converter, making it the ideal solution for worldwide frequency conversion applications.
- Quality Engineering: Falcon Electric is a recognized authority in developing reliable, quality industrial UPS solutions. Our technical expertise ensures you find the right solution the first time.









SVRP RACKMOUNT 1.5-3KVA VOLTAGE REGULATOR DATASHEET

Model Number	SVRP1.5KRM-1 SVRP1.5KRM-2	SVRP2.2KRM-1 SVRP2.2KRM-2 SVRP2.2KRM-1-HW SVRP2.2KRM-2-HW	SVRP3KRM-1 SVRP3KRM-2 SVRP3KRM-1-HW SVRP3KRM-2-HW
Nominal VA	1500	2200	3000
Electrical Input			
Nominal AC Voltage	-1 Mod	els: 120Vac, -2 Models: 208, 220, 230,	. 240Vac
AC Voltage Range	-1 Models: 80-138Vac, -2 Models: 160-276Vac		
Frequency	50/60 Hz ± 5% (Auto Tracking)		
Power Factor Correction	>0.97 (at full load)		
Surge Suppression	IEEE/ANSI C62.41		
Efficiency (Typ.)	88%		
Electrical Output	N 19		
Watts	1050	1540	2100
AC Voltage (User Programmabl	-1 Models: 100, 110, 115 or 120Vac (sine wave) -2 Models: 208, 220, 230 or 240Vac (sine wave)		
Frequency	50/60 Hz (Auto Tracking)		
Frequency Stability	± 5% Synchronized to the input frequency in utility mode		
Voltage Regulation	± 2%		
Step Load Change	± 7% for 100% load variation, recovery in 5ms		
Harmonic Distortion	< 3% Linear Load. < 5% Non-Linear Load		
Overload	110% for 40 seconds, 125% for 18 seconds, 150% immediate		
Crest Ratio	3:1		
Electrical Connections	1	0.1	
Input -1	6' Cord with 5-15P Plug	6' Cord with 5-20P Plug	6' Cord with L5-30P Plug
-2	6' Cord with Schuko Plug	6' Cord with Schuko Plug	6' Cord with Schuko Plug
- HW	n/a	Hardwired	Hardwired
Output -1	(8) 5-15R	(4) 5-15R & (1) L5-20R	(4) 5-15R & (1) L5-30R
-2	(4) IEC320 C13 Outlets	(4) IEC320 C13 Outlets	(4) IEC320 C13 Outlets
- HW	n/a	Hardwired	Hardwired
Environmental	I IVA	Hadwica	Haldwiled
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Temperature Operation Storage	-20°C to 55°C (-4°F to 131°F)		
Humidity	10% to 95% Non – Condensing		
Altitude	10,000 Feet (3,000 meters) without derating		
Cooling	Low Velocity Forced Air Fan		
Heat BTU/Ho Dissipation	ur 535	784	1071
Audible Noise (@ 1 Mete	<50dBA		
Controls & Indicators	315 to		
LCD Display	MIMIC Graphical Display, Input/Output Voltage, Frequency, Load, Alarm, Programmable settings & status icons		
Audible Alarms	High Temp., Overload, Fault Alarm		
Remote Emergency Power Off (or) Remote Output Receptacle Control	(Standard) Meets NFPA 70, NEC 645-11 (REPO connections located on the UPS rear panel) (Optional) UPS Load Segment Controlled Output Receptacles can be turned off and on using a remote isolated switch contact.		
Communications	USB Port, RS-232C Serial Port, Optional SNMP/HTTP Agent Board (Bundled UPSilon Monitoring Software)		
Mechanical - For mounting dimension		200 To 100 To 10	
Dimensions H x W x D inches (mm)	(2U) 3.5 x 19 x 22.5 (88.9 x 482.6 x 571.5) (88.9 x 482.6 x 556.3)		
Weight lb. (kg)	31 (14.1)	32 (14.5)	32 (14.5)
Agency Approvals			
-1	UL1778, cUL	UL1778, cUL	UL1778, cUL
-2 1 LDM	UL1778, cUL, CE	UL1778, cUL, CE	UL1778, cUL, CE
-1-HW -2-HW	-	UL1778, cUL	UL1778, cUL
-Z-MVV		8 8 9	



