

## Model 933

### Uninterruptible Power System



Model 933 maintains the operation of a wood pellet stove in the absence of utility power. This helps residential heating during power outages.

Model 933 is a self-contained emergency backup system including inverter, charger and transfer switch.

In the absence of utility power, 933 will sustain pellet stove operation for several hours before its battery bank becomes depleted. Upon the reinstatement of utility power, the charger in the 933 begins to recharge the battery bank in preparation for the next outage. The 933 operates automatically without the requirement for a human on-the-spot presence.

#### Design Features

- Backup Time Expandability
- Pure Sine Wave Inverter
- Three Stage Battery Charger
- 1200W output
- Electronically Current Limited
- Thermally Protected
- Low No Load Power Consumption

#### Specifications

INPUT	AC	NOMINAL INPUT VOLTAGE RANGE	108-132 VAC
		FREQUENCY	60 Hz.
	DC	BATTERY SYSTEM VOLTAGE	12 VDC
		MAXIMUM A-HR RATING OF BATTERY SYSTEM	300
OUTPUT		OUTPUT VOLTAGE NOMINAL	115-120 VAC Sine Wave Power
		OUTPUT CURRENT MAXIMUM	10A
		MAXIMUM CONTINUOUS OUTPUT POWER	1200 W
		MAXIMUM CURRENT SURGE	25A for 3 seconds
PROTECTION		LOW BATTERY SHUTDOWN	< 10.5 +/-0.3 VDC
		OVERLOAD SHUTDOWN	Set to shut off at 110% of maximum current with continuous automatic retry
		OVER TEMPERATURE SHUTDOWN	Via internal thermostat, self resetting
		COOLING	By Convection and forced air
		FUSING	Customer access to output fuses
CONNECTIONS		INPUT CONNECTION	18/3 SJT Power cord
		BATTERY CONNECTION	via supplied #2 AWG cables (4 ft. long) via terminal blocks
AUDIO ALARM		LOW BATTERY	Alarm sounds when the battery nears completely depleted
VISUAL LED INDICATORS		ACTIVE WHEN LIT	On - Indicates that power is present at the output receptacle
		BATTERY MONITOR	Flashing - Battery Charging / On - Battery Fully Charged
		REPLACE BATTERY	On - Replace Battery
MECHANICAL		MOUNTING SLOT CENTERS (in./cm.)	12.0 x 7.8 / 30.5 x 19.8
		DIMENSIONS, (in./cm.) (L x W x H)	18.0 x 8.5 x 3.5 / 45.7 x 22 x 9 inch / cm.
		HOUSING MATERIAL	All Aluminum with steel end caps
		WEIGHT, (lb./kg.)	18 / 8.2 : lbs/kg.

NOTE: Specifications are subject to change without notice.

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