

MODEL 360

The **Model 360** converter makes it possible to install equipment, designed to operate in 12 Volt vehicular systems, into vehicles with 24 Volt electrical systems.

The design technology of the **Model 360** converter affords the user 360 Watts of output power in a highly efficient compact module weighing less than five pounds. Efficiency translates into cool operation, high reliability and long life expectancy for the converter and the equipment which it is intended to power.

Model 360's design makes performance possible over an extremely wide operating temperature range and under the most rigorous vibration and shock conditions. Its compactness and light weight permit it to be installed anywhere in the vehicle. Its ruggedness is further enhanced by weatherproofing, and electronic protection against abnormal hookups, and output overloads.

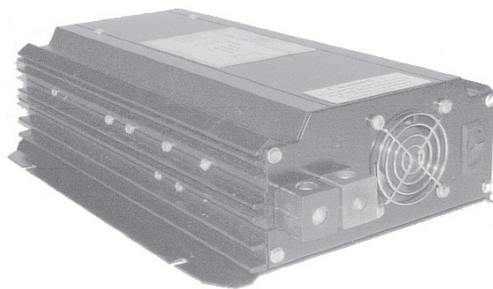
Model 360 is designed for use on vehicles with **negative grounded systems only**.

SPECIFICATIONS:

Input Voltage Range:	22 to 29 VDC
Maximum Input Current:	20 ADC
Output Voltage:	13.6 and 13.8 VDC +,-0.1 VDC (factory adjusted)
Output Current:	0-30 Amps DC
Output Regulation:	<0.1 V
Output Ripple Voltage:	<50 mV Rms
Efficiency:	>91%
Short Circuit Protection:	Electronically protected—unit will operate continuously into a short circuit without sustaining damage

Operating Temperature Range: -20°C to +65°C

Cat. No.	Peak Rating (Amps)	Continuous Rating (Amps)	Unit Wt. (lbs.)	Size (Inches) L x W x H	Net Price
360	30	30	4.7	8 x 7 x 3-3/4	\$402.16



INVERTERS—MS SERIES

MS Inverters are compact and efficient units designed to suit numerous applications.

Their specifications incorporate wide safety margins allowing for extreme overload operation for short periods. Inverter circuitry allows for tight regulation of the AC output under a wide range of input voltage and output load current. Other desirable features include operation interruption during low or high inverter input voltage and thermal overload protection. Sound mechanical design incorporates the observation of minimum safety spacing requirements ideally suiting them for UL and CSA listing. Efficiency and light weight make the MS Series of Inverters among the coolest operating units of their kind.

SPECIFICATIONS COMMON TO ALL MS & PS MODELS:

Inverter Power Surge:	120% of Continuous Rating
Efficiency:	85%-90% depending on input voltage
Output Wave:	Modified Sine Wave
Output Regulation:	3%-5%, No Load to Full Load

APPLICATIONS:

Computers	Power Tools
Communication Equipment	Microwave Ovens
Industrial Controls	Refrigerators
Video Equipment	Fax Machines

Cat. No.	Output Watts (max.)	Input Volts	Input Amps (Max.)	Wt. (lbs.)	Dimensions Inches	Net Price
412MS	400	12	41	4	3.5 x 8.5 x 10	\$551.80
424MS	400	24	19	4	3.5 x 8.5 x 10	551.80
812MS	800	12	80	8	3.5 x 8.5 x 15	688.35
824MS	800	24	38	8	3.5 x 8.5 x 15	772.52
1012MS	1000	12	98	8	3.5 x 8.5 x 15	591.08
1024MS	1000	24	46	8	3.5 x 8.5 x 15	735.70
1612MS	1600	12	165	14	3.5 x 10.5 x 20	1325.92
1612MS	1600	24	79	14	3.5 x 10.5 x 20	1325.92

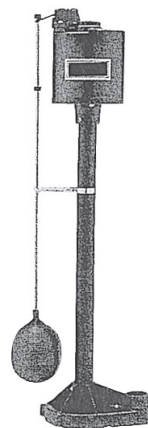


SINE WAVE CONVERTERS SSV SERIES

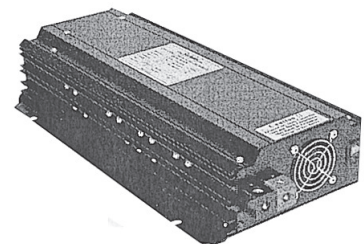
APPLICATIONS:

- Solar power systems
- Mobile office (TV & Radio Vans)
- Industrial control (OEM)
- Electric utilities and substations
- Medical devices
- Emergency backup power
- Security systems
- Computer, printer, monitors, and fax machines

Cat. No.	Input Voltage VDC	Output Frequency	Output Power Continuous	Dimensions (Inches) L x W x H	Weight (lbs)	Net Price
OUTPUT VOLTAGE: 115 VAC ± 3%						
SSV600-12	10-15	60Hz	600A	13.25 x 9.5 x 3.5	6.6	\$800.00
SSV600-24	20-30	60Hz	600A	13.25 x 9.5 x 3.5	6.6	725.31
SSV1000-12	10-15	60Hz	1000A	15.5 x 9.5 x 3.5	8.8	800.00



MODEL 1612PS



MODEL 812PS

Continued on next page....