

MAC Stick - Modular AC Power Stick









28VDC Input – 500W – 120VAC 60 Hz Convenience Outlet
Laptops – GPS – Cell Phone - iPad

MAC-500 Series

Input Power	Vehicle 28VDC (20-33VDC Steady State)
Output Voltage	120VAC 60 Hz Single Phase
Output Waveform	Pure Sine
No-Load Current Draw	<100mA (0 A with switch or contactor options)
Efficiency	90%
Input Overvoltage / Undervoltage Shutdown	YES
Overload Shut Down	YES, Voltage Fold Back
Thermal Shutdown	YES
Short Circuit Protection	YES
EMI/EMC	Meets Typical Rail and Commercial Vehicle as well as MIL-STD-461 Requirements
Operating Temperature	-40C to +50C
Shock and Vibration	Fully Encapsulated, Meets Military Ground Vehicle Requirements.
Operating Altitude	15,000 Ft
Immersion	IP 67 Water Immersion to 6 Ft
Sand and Dust	IP 67 Dust Tight
Weight (Lb) Base Stick	5 Lb
Dimensions (in) (Base Stick)	16.03 x 1.72 x 2.06

Some Configuration Options

Deck, Rack or Breaker Box Mounted	500 W Each Module
MAC 4-Pack With integrated fan	500W each Module 2KW total

MAC-500-SERIES	Terminal Options
	Dual USB Charger Outputs
	AC Connector End Cap NEMA Three Prong, or Custom
	AC Power Available and Overload Indicator LED Indicators for "AC Available" and "Overload"
	Weather Proof Circular Standard Connector
	Un –Terminated Cable Any length, shielded or unshielded, (wire to rack terminal block, breaker/fuse panel, in-line connectors,...)
	NEM MAA Standard Three Prong Molded Lead Cords most any style or length

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