### samlexdriver

# POWER INVERTER



## HOUSEHOLD POWER FROM A 12V B ATTERY

Charge laptops, smart phones, tablets, camera batteries and MP3 players. Make vacations with the kids more relaxing as they watch movies and play games without the fear of batteries going dead. Run a mobile office - print receipts, make copies, send emails... and never miss a call from your boss while you're playing hooky.

#### **DESIGN FEATURES**

- Light weight, compact, highly portable
- Easy to install and operate
- 2.1 Amp USB Port (compatible with all new release smart phones)
- Load controlled cooling fan
- Cool surface technology
- Soft start technology
- Low battery input alarm
- Universal protection circuit thermal, battery, overload, short circuit & earth fault
- Safety certified to UL standards
- 2 YEAR W ARR ANTY







### **SPECIFICATIONS**

INPUT	BATTERY SYSTEM VOLTAGE	12 VDC
	NOMINAL INPUT VOLTAGE	12.5 VDC
	INPUT VOLTAGE RANGE	> 10.8 VDC to < 15.4 VDC
	INPUT CURRENT AT CONTINUOUS POWER	22.3A to 24.2A
	INPUT CURR ENT AT NO LOAD	0.2A to 0.3A
ОИТРИТ	OUTPUT VOLTAGE WAVE FORM	Modified Sine Wave
	OUTPUT VOLTAGE (FREQUENCY)	115VAC + 10% / -2%; 60 Hz ± 5%
	OUTPUT POWER, CONTINUOUS (RES ISTIVE LOAD)	250W
	OUTPUT POWER, SURGE (<1 SEC., RES ISTIVE LOAD)	500W
	PEAK E FF ICIENCY (AT 50% Œ CONTINUOUS POWER)	90%
	USB CHARGING PORT	USB 3.0, Connector Type "A": 5 VDC, 2.1A
PROTECT IO NS	LOW INPUT VOLTAGE ALARM	10.8 VDC ± 0.3 VDC
	LOW INPUT VOLTAGE SHUTDOWN	10.5 VDC ± 0.3 VDC
	HIGH INPUT VOLTAGE SHUTDOWN	15.4 VDC ± 0.2 VDC
	OVERLOAD AND GROUND FAULT SHUT DOWN	Yes. Latches in shutdown condition. Manual reset: Switch OFF the ON/ OFF Switch, wait 3 mins & Switch ON again.
	OVER TEMPERATURE SHUTDOWN	Yes. Auto reset on cooling down.
	COOLING FAN	Load controlled: Switches ON at 8W to 12W
	INPUT FUSE: 32V, AUTOMOTIVE TYPE ATC (INSIDE THE UNIT, NOT USER ACCESSIBLE)	30A
:TS	DCINPUT	M4 Thumb Screw
OUTLETS	AC OUTPUT	One NEMA5-15 R Outlet
GENERAL	OPERATING TEMPERATURE RANGE	0°C to 25°C / 32°F to 77°F at 100% loading; 26°C to 35°C / 78.8°F to 95°F at 80% loading
	OPERATING HUMIDITY	< 80%;Non-condensing
	NEUTRAL TO CHASSIS BONDING	No. Neutral of the NEMA5-15 R AC Outlet is isolated from the chassis
	DIMENSIONS (W x D x H)	114.4 x 150 x 46 mm 4.5 x 5.9 x 1.8 in
	WEIGHT	0.42 kg / 0.92 lb
	DCINPUT CABLES INCLUDED	AWG#16 Cable with 12V power plug (12V plug contains replaceable 250V, 8A fuse - Bussmann Type AGC-8); AW G#14 Cable with battery clamps
SAFETY	Safety Compliance	Conforms to UL S TD 458

NOTE: Specifications are subject to change without notice











