

Accessories

Inverter 230 Volt AC

Pure sinewave output provides the ideal power source for modern electronics.

Short-circuit proof robust design that protects itself against AC shorts. Sophisticated circuitry provides protection against overload, short circuit and over temperature. Adjustable under volts detection also protects the battery against excessive discharge.

Auto-start circuitry automatically switches the inverter ON and OFF with applied appliances. The auto-start is an important feature as it maximizes valuable battery capacity. Sensitivity of the auto-start can be easily adjusted to either start small appliances or run continuously.

Some of main features and benefits include:

- Ruggedisation enhanced inverter protection to withstand high vibration and movement. A must-have for all mobile and marine applications.
- RCD Protection Fit an RCD (Residual Current Device) to the inverter to protect the end users from dangerous appliance faults. An extra level of safety important in mobile applications and emergency services.

Internal Automatic Transfer Switch (optional)

Allows the inverter to be connected to a secondary power source (eg. Generator, Grid); and automatically switch the output between the inverter and secondary power source accordingly.

- **Peak Efficiency 94%**



PRODUCT CODE	TYPE	BATTERY VOLTAGE V	CONT. POWER W	SURGE 5 sec W
102003	Mastervolt Combi	48	3500	7000
101511	LS-3596	96	3500	10000
101639	LS-35125	144	3500	3500

DC-DC converter

- Isolated switching regulator:
- Output power 450W max.
- Encapsulated IP65 (LV) - IP20 (HV)
- Vibration resistant
- Short circuit protection
- Connector Molex Mini-Fit Sr. 42816 over temperature protected (LV)
- Compact design
- On / Off Key switch input
- Wide input range
- Contact cooling (LV)



PRODUCT CODE	TYPE	BATTERY VOLTAGE V	OUTPUT VOLTAGE V	POWER W
LOW VOLTAGE (LV)				
100494	DC4812450	36/48	13.8	450
101634	DC4824450	36/48	26	450
101633	DC9612450	96	13.8	450
101318	DC9624450	96	26	450
101635	DC14412450	144	13.8	450
101636	DC14424450	144	26	450
HIGH VOLTAGE (HV)				
NE2194AL	DC300242K	288	26	2000
NE2194AN	DC800121K	288/384	13.8	1200
NE2194AO	DC800243K	288/384	26	2800