

LEXRON

smart
lexron smart technology systems

1.5 KVA - 3KVA MPPT SMART INVERTER DATASHEET



MODEL	1.5KVA / 1200W	3KVA / 2400W
AC Voltage Range	230VAC	230VAC
Selectable Voltage Range	90-280VAC	90-280VAC
Frequency Range	50Hz / 60Hz	50Hz / 60Hz
Efficiency (Peak)	%93	%93
Surge Power	3000VA	6000VA
Battery Voltage	12VDC	24VDC
Overcharge Protection	15,5VDC	31VDC
Maximum AC Charge Current	20A/30A	20-30A
Maximum Solar Charge Current	40A	40A
Max. PV Array (Open Circuit Voltage)	102VDC	102VDC
MPPT Range Operating Voltage	15-80VDC	30-80VDC
Maximum PV Array Power	500W	1000W
Standby Power Consumption	2W	2W
Dimension, D x W x H (mm)	305X300X110	305X272X100
Net Weight (kgs)	4.5kg	6,9kg

FEATURES

- Pure sine wave inverter
- Built-in MPPT solar charge controller
- Selectable input voltage range for home appliances and personal computers.
- Selectable charging current based on applications
- Configurable AC/Solar input priority via LCD setting
- Compatible to mains voltage or generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance

ENVIRONMENT

- Humidity** 5% to 95% Relative Humidity (Non - condensing)
- Operating Temperature** 0°C to 55°C
- Storage Temperature** -15°C to 60°C