

# LEXRON

## 1KW - 1KW PLUS MPPT INVERTER DATASHEET



Model	VE0512R	VE0512R -PLUS
AC Voltage Range	230VAC	230VAC
Selectable Voltage Range	180-260VAC	180-260VAC
Frequency Range	50Hz / 60Hz	50Hz / 60Hz
Efficiency (Peak)	%98	%98
Surge Power	3200VA	2000VA
Battery Voltage	12VDC	12VDC
Transfer Time	≤10ms (UPS Mode) / ≤20ms (INV Mode)	≤10ms (UPS Mode) / ≤20ms (INV Mode)
Maximum Pv input Power	1000W	1500W
Maximum Pv input Current	35A	45A
Maximum AC Charge Current	40A	40A
Maximum Solar Charge Current	60A	60A
Max. PV Array (Open Circuit Voltage)	80VDC	150VDC
MPPT Tracking Range(Vmp)	16~75VDC	20~145VDC
Dimension, D x W x H (mm)	350x254x115mm	465x310x135mm
Net Weight (kg)	11kg	13kg
Paralel Kit	NO	NO
Battery Type	External lead acid battery or water battery, or lithium battery	

Pure sine wave inverter

- Selectable input voltage range for home appliances and personal computers
- Support Working without Battery: Reduce Solar System Cost
- Selectable charging current based on applications
- Configurable AC/Solar input priority via LCD setting
- Compatible to AC mains or generator power
- Battery equalization for optimized battery performance and lifecycle
- BMS function for lithium battery
- More Convenient for Lithium Battery Charging

### ENVIRONMENT

Humidity	5% to 95% Relative Humidity (Non - condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

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ACS Enerji  
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İTOB OSB Mah. Ekrem Demirtaş Cad. No: 44  
Menderes - İZMİR

0232 799 00 98

www.acsenerji.com