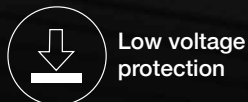
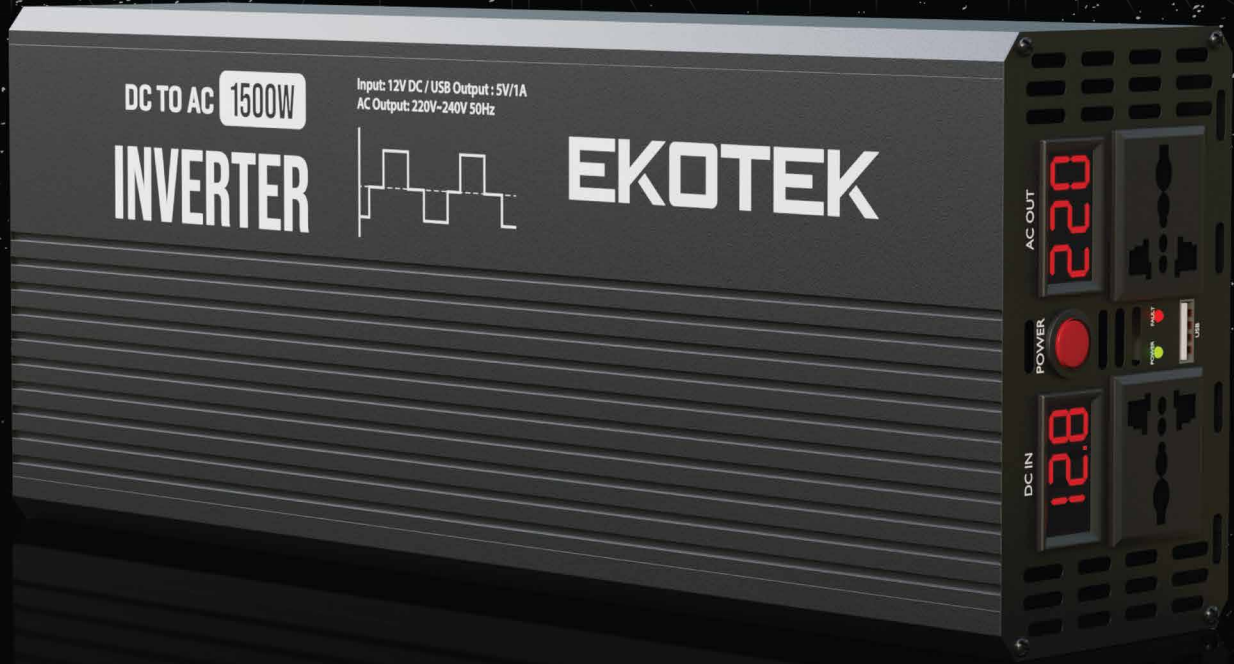
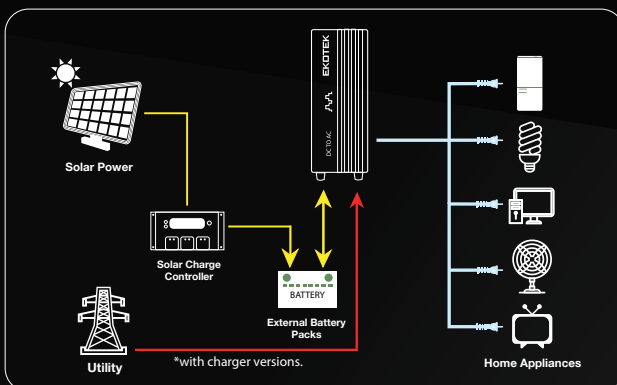


MODIFY SINE WAVE INVERTERS



USAGE DIAGRAM



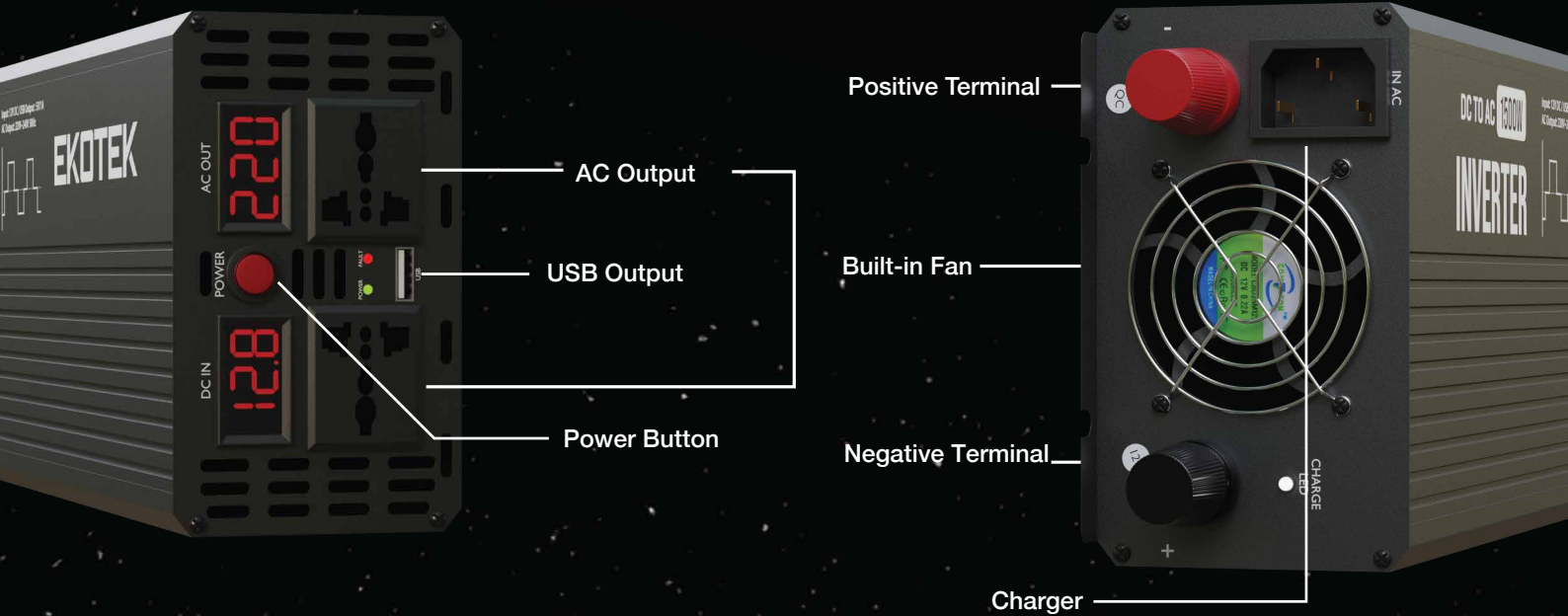


EKOTEK
ENERGY



WIDE APPLICATIONS

Intelligent adaptation technology is adopted to widely, support most digital and household products on the market.





EKOTEK
ENERGY

**AVAILABLE
IN 2 OPTIONS**

**CHARGE
YOUR BATTERY
USING AC**

**WITH
CHARGER**

**WITHOUT
CHARGER**



Model	EK-01-500WMS	EK-01-800WMS	EK-01-1000WMS	EK-01-1500WMS	EK-01-2000WMS	EK-01-3000WMS
Continuous Output Power	500 W	800 W	1000 W	1500 W	2000 W	3000 W
Peak Power	1000 W	1600 W	2000 W (<5ms)	3000 W (<5ms)	4000 W (<5ms)	6000 W (<5ms)
DC Input Voltage	12 V	12 V	12 V / 24 V			
No-load Current	<2.5 A (DC 13 V) / <1.7 A (DC 26 V)					
Output Frequency	60 Hz ± 0.1%	50 Hz ± 0.1%	100 V ~ 120 V 50 Hz ± 1% / 220 V ~ 240 V 60 Hz ± 1%			
AC Output Waveform	Modified Sine Wave					
Efficiency	90.0%	90.0%	>86% (DC13V) / >88% (DC26V)			
Output Terminals	Output Socket/Outlet					
Working Temp.	-10 °C – 50 °C	-10 °C – 50 °C	-10 °C – 40 °C			
Storage Temp.	-30 °C – 70 °C	-30 °C – 70 °C	-30 °C – 70 °C			
Humidity	20% ~ 90 ~ RH Non-condensing					
Working Altitude	≤ 3000 m					
Unit Size	21.5*9.5*5.5cm	23.5*9.5*5.5cm	30*15*9cm	40*15*9cm	39*18*14cm	43*18*14cm
SPECS FOR INVERTER WITHOUT BATTERY CHARGING FUNCTION						
Low Voltage Alarm	10 V±0.2 V	10V±0.2 V	10.5±0.3 V / 21±0.6 V			
Low Voltage Shutdown	9.5 V±0.2 V	9.5V±0.2 V	9.5±0.2 V / 19±0.3 V			
Over Voltage Alarm	15.5 V DC					
Protective Function without Charger	Low Voltage Alarm/Shutdown, Overload, Over Voltage/Temp Shutdown Automatic Short Circuit					
Cooling Way	Fan-Cooling Automatically					
Net Weight	About 0.65 kg	About 0.8 kg	1.1 kg	2.7 kg	4 kg	5 kg
Model			EK-01-1000WMS-BC	EK-01-1500WMS-BC	EK-01-2000WMS-BC	EK-01-3000WMS-BC
SPECS FOR INVERTER WITH BATTERY CHARGING FUNCTION						
Waveform Distortion	NA		THD < 3% (Linear Load)			
Battery Charging AC Input Voltage	NA		110 V AC ± 5% / 220 V AC ± 5%			
Battery Charge AMP	NA		10A / 8A /		15A / 10A / 5A	
Over Voltage Protection	NA		16 ± 0.5 V / 31 ± 1 V			
Low Voltage Recovery	NA		11.8 ± 0.3 V / 23.6 ± 0.4 V			
Over Voltage Recovery	NA		15.7 ± 0.3 V / 31.8 ± 0.4 V			
Over Load Protection	NA		120% ~ 125%			
Protective Function with Charger	NA		Low Voltage : LED red light, Buzzer alarm, Automatic recovery Over Voltage: LED red light, Automatic Recovery Over Load: LED red light, Automatic shutdown, Need restart Over Temperature: LED red light, Buzzer alarm, Automatic recovery Short Circuit (within 2s): Automatic recovery Input Reverse Connection: Fuse burn-out			
Net Weight	NA		2.7 ± 0.1 kg		3.7 ± 0.1 kg	
Packing Size	NA		47*21*14.5 cm 6pcs/ carton		53*24.5*22 cm	
Gross Weight	NA		3.3 ± 0.1 kg		6.1 ± 0.1 kg	