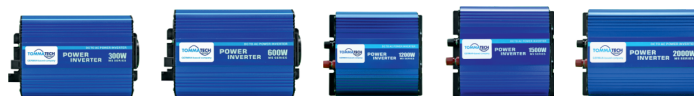



MS MODIFIED SINE 12V - 24V - 48V

DC TO AC POWER INVERTER



Model		MS-300	MS-600	MS-1200	MS-1500	MS-2000	MS-4000
Output	AC Voltage	230V					
	AC Voltage Range	220-240V AC					
	AC Regulation	± 10%					
	Rated Power		600W	1200W	1500W	2000W	
	Peak Power		1200W	2400W	3000W	4000W	
	Waveform	Modified Sine Wave 					
	Frequency	50/60Hz ± 3					
	No Load Current Draw	≤ 0.5A					
	Efficiency	≥ 90%					
	USB	5V 2.1A(optional)					
	LED Indicator	Green for power on, Red for power failure status					
	Cooling fan	Running once connect AC loads / temperature control (optional)					
	Input	Voltage Range 12V	9.5~16V DC				
Voltage Range 24V		19~32V DC					
Voltage Range 48V						38~64V DC	
DC Connector		600mmDC cable with cigarette lighter plug *1 ea, battery DC cable*2ea					
Protection	Low Voltage Alarm 12V		9.5 ± 0.5V DC		11 ± 0.5V DC		
	Low Voltage Alarm 24V		19 ± 1V DC		22 ± 1V DC		
	Low Voltage Alarm 48V					44 ± 2V DC	
	Low Voltage Shutdown 12 V		10 ± 0.5V DC		9.5 ± 0.5V DC		
	Low Voltage Shutdown 24V		20 ± 1V DC		19 ± 1V DC		
	Low Voltage Shutdown 48V					38 ± 2V DC	
	Reset Voltage after L.V.S 12V			11.5~12V			
	Reset Voltage after L.V.S 24V			23~24V			
	Reset Voltage after L.V.S 48V					46~48V DC	
	Overload	Shut off output, auto.reset					
	Over Voltage 12V		15~16V DC		15 ± 0.5V DC		
	Over Voltage 24V		30~32V DC		30 ± 1V DC		
	Over Voltage 48V					60 ± 2V DC	
	Over Temperature	Shut off output automatically, auto. reset					
	Output Short-circuit	Shut off, auto.reset					
	Reverse Polarity	Fuse burn out					
	Replaceable Fuse 12V		40A*2		30A*6		
Replaceable Fuse 24V		20A*2		15A*6			
Replaceable Fuse 48V					7.5A*8		
Soft Start	Yes, 3~5s						
Earth Leakage	Yes						
Environment	Working Temp.	0~30°C = @ 100% load; 40°C = @50% load					
	Working Humidity	20%~90% RH non-condensing					
	Storage Temp., Humidity	-30~+70°C/-22~+158°F, 10~95%RH					
	Temp. Coefficient	10%~90% RH					
Safety&EMC	Isolation Resistance	-20°C ~ +50°C					
	EMI Conduction & Radiation	I/P-O/P:100M Ohms/500VDC/25/70%RH					
	EMS Immunity	Compliance to EN55022 class B, 72/245/CEE, 95/64/CE					
	LVD	Compliance to EN61000-4-2,3					
	E-mark	Compliance to EN60950, EN61558-1-2					
Other	N.W.(g) 12V		910g	3100g	2900g	3960g	
	N.W.(g) 24V						
	N.W.(g) 48V						
	Dimension(cm) 12V	22*13.5*5.8cm	22*13.5*5.8cm	26.1*22.9*10cm	27*23*10cm	32*23*10cm	
	Dimension(cm) 24V						
Dimension(cm) 48V							