

# GAMA-TRON

NEW LCD SCREEN( With solar information and AC information)

## Solar Inverter MPPT Model



Model	MPPT-500	MPPT-800	MPPT-1000	MPPT-1500	MPPT-2000	MPPT-2500	MPPT-3000	MPPT-3500	MPPT-4500	MPPT-5000	MPPT-6000	MPPT-7000
Rated Power	300W	500W	700W	1050W	1400W	1800W	2100W	2400W	3000W	3500W	4200W	5000W
Battery Voltage	12VDC	12VDC	12VDC	24VDC	24VDC	24VDC	48VDC	48VDC	48VDC	48VDC	48VDC	48VDC
Working Mode	PV(Photovoltaic priority) / AC (AC priority) optional											
PV	Input Voltage Range	15Vdc-75Vdc			30Vdc-90Vdc			60Vdc-100Vdc				
	Max. Charge Current	10A/20A/40A/60A										
	Max. Conversion Efficiency	98%										
Display  Mains status (Optional)	Panel Indicator Light	LED graphic screen + LED lights										
	Input Voltage Range	140Vac~275Vac										
	Input Frequency Range	45-65 Hz (automatically transfer to invert mode when overfrequency)										
	Output Voltage Range	190Vac~245Vac										
	Input PF. (AC/DC)	98%										
	Efficiency	mains mode $\geq$ 96%										
	Charge Current	10A										
	Mains Overload	warning until decrease load										
	Short Circuit	yes										
Inverter Output	Inverter Output Voltage	220V $\pm$ 3%										
	Output Frequency	50 Hz / 60Hz $\pm$ 0.3Hz frequency adaptive										
	Output Power Factor	$\geq$ 0.8										
	Wave Form Distortion	linear load $\leq$ 3%										
	PV-AC Transfer Time	4Ms typical value Max.6 Ms										
	Efficiency	inverter mode $\geq$ 80%										
	Inverter Overload	110%-130% shutdown at 30s, 130%-150% shutdown at 3s										
Short Circuit	system automatically shut down											

Alarm	Mains Abnormal	1time/1S, silence auto after 5S
	Low Battery	1time/1S and flash battery last grid
	Overload	1time/ 1S and display "overload" grid
Others	Output Sockets	universal sockets / customized
	Ambient Temperature	0°C ~40°C
	Ambient Humidity	10% ~90%(non condensed)
	Noise	≤ 50dB