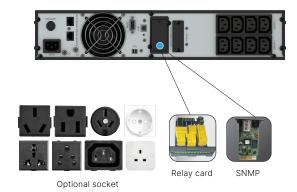


Features

- High power density
- Online double conversion with full digital control
- Wide input voltage range:110~300Vac
- Input power factor 0.99 with PFC
- Selectable output voltage: 208/220/230/240Vac
- Smart charger design for optimized battery performance
- Maximum charging current can be expanded to 12A (Long run unit)
- Emergency power off function (EPO)
- ECO mode operation for energy saving
- Generator compatible
- Cold start
- Intelligent fan speed regulation
- Load segment settable (Optional)
- Versatile LCD human-computer interface
- Multiple communication interface:RS232 (USB/EPO/Dry contact/SNMP card optional)
- Multiple protection function:short-circuit,overload,overheat, battery overcharge and overdischarge,output low voltage and fan fault alarm





Technical Specifications

Model	MC10910R	
Capacity	1000VA/ 900W	
Input		,,
Nominal voltage	208/220/230/240Vac	
Input voltage range	110~300Vac (176~280Vac @ 100% load)	
Frequency range	40~70Hz (50/60Hz Auto-Sensing)	
Power factor	≥0.99	
Output		
Output voltage	208/220/230/240Vac	
Power factor	0.9	
Voltage regulation	±1%	
Output frequency (Line Mode)	46~54Hz or 56~64Hz	
Output frequency (Bat. Mode)	(50/60±0.1%)Hz	
Crest factor	3:1	
Harmonic distortion (THDv)	≤3% Linear load ; ≤5% Non linear load	
Transfer time AC mode to Bat.Mode	Oms	
Transfer time Inverter to Bypass	4ms (Typical)	
Output waveform	Pure Sinewave	
Efficiency	T die oniewave	
AC mode	89%	
Battery mode	85%	
Battery	0.	570
Battery number	2	3
Capacity (Standard unit)	9Ah/12V (7Ah/12V optional)	
Typical recharging time	4 hours (to 90% of full capacity)	
Charging voltage	27.4Vdc±1%	41.1Vdc±1%
Charging current (Max)		A
Indicators	1	
LED display	Line mode,Bat.mode,ECO mode,Bypass mode,Battery low voltage,Overload & UPS fault	
LCD display	Input voltage,Input frequency,Output voltage,Output frequency,Load percentage, Battery voltage,Inner temperature& Remaining battery backup time	
Alarm		3 ,
Battery mode	Beeping every 4 seconds	
Battery low	Beeping every second	
Overload	Beeping twice every second	
Fault	Continously beeping	
Physical	00.11.110.00	., 200pg
Dimension W x D×H (mm)	440 x 325 x85.6	440 x 460 x 86.5
Net weight (kg)	11.3	14
Environment		1
Operating temperature	0°C~	-40°C
Storage temperature	-25°C~55°C	
Humidity range	20~95%RH @ 0~40°C (Non condensing)	
Altitude	<1500m,derating required when>1500m	
Noise level	<50dB at 1 Meter	
Standards	10000 0	· · · · · · · · · · · · · · · · · · ·
Safety	IEC/EN62040-1,IEC/EN62477-1	
EMC	IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4, IEC61000-4-5,IEC61000-4-6,IEC61000-4-8	

Specifications are subject to change without prior notice. When output voltage is 208Vac,need to derate to 80% of the unit capacity.