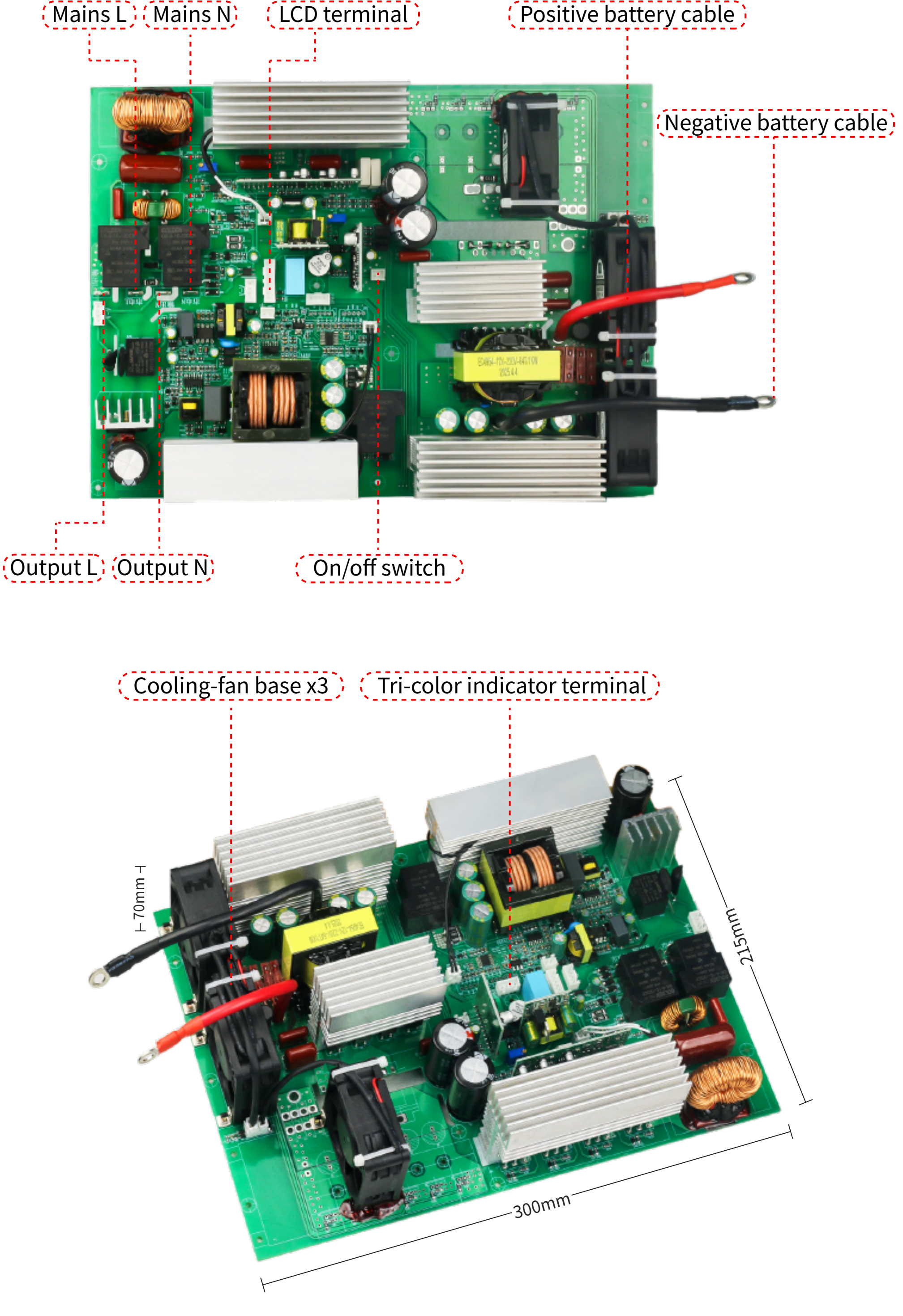


BIDIRECTIONAL INVERTERBARE BOARD-1000W



Model UPS-1000W

INVERTER MODE (DISCHARGE)

DC Input voltage	24VDC
Battery low voltage protection	20.0±0.5VDC
Battery low voltage recovery	25.2±0.5VDC
Battery high voltage protection	31.6±0.5VDC
Battery high voltage recovery	29±0.5VDC
Continuous power	1000W
AC Output voltage (Battery Mode)	220VAC±15%
Frequency	50HZ/60HZ(Automatic identification)
Wave	Pure Sine Wave
No Load Current	660mA
Total Harmonic Distortion	THD ≤ 3%
Conversion efficiency	92%
Overload protection	>1150W, Shut down the output
Short circuit protection	Supported (Auto-shutdown)

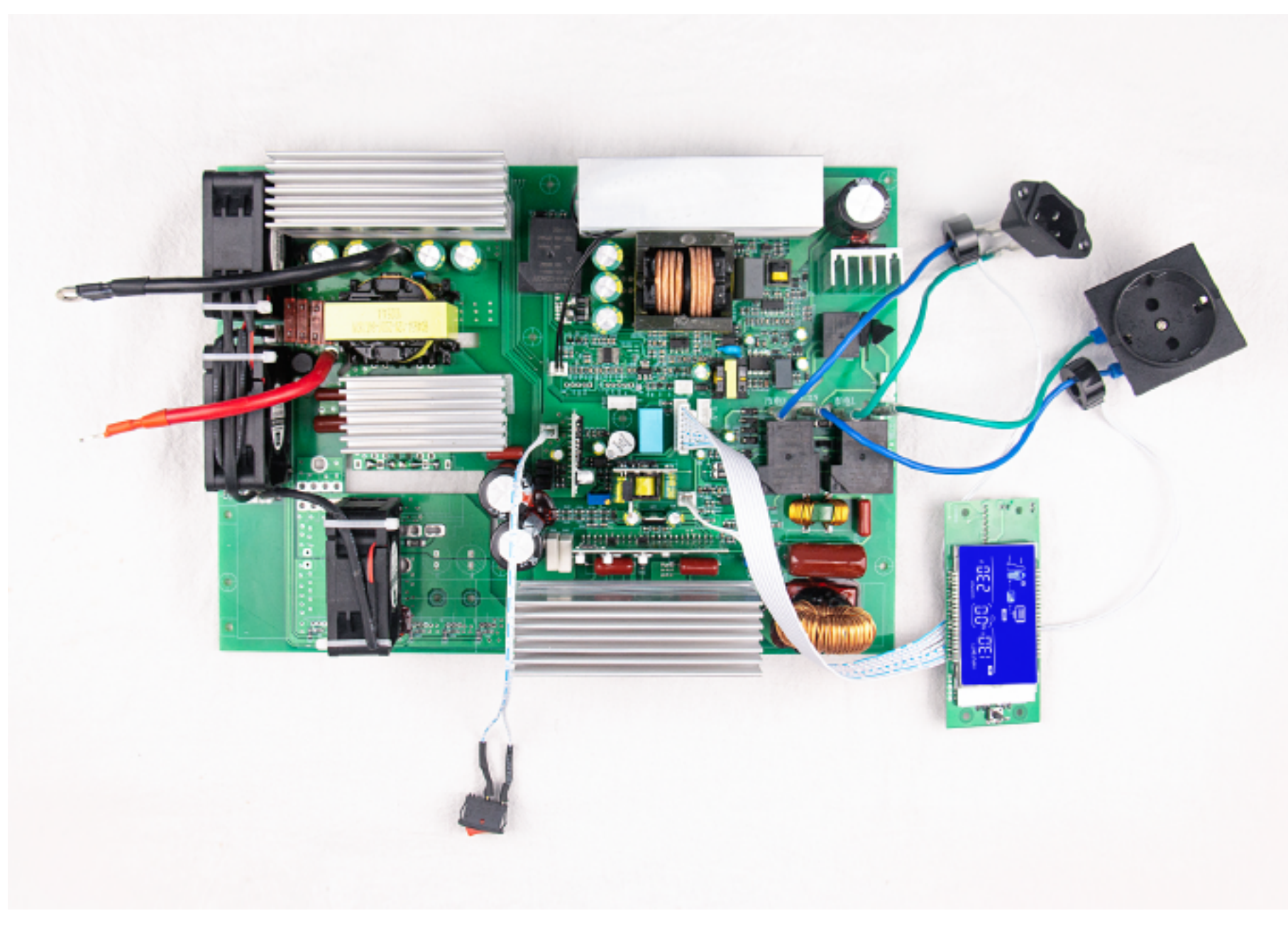
RECTIFICATION MODE(CHARGING)

Rated voltage	220V
AC rated power	480W
UPS switches to mains time	15ms
Power Factor	>0.9
Efficiency(Peak)	≤ 92%
Battery Voltage	24VDC
Float Charging Voltage	28.4VDC
Full Voltage	29.6VDC
Maximum Charging Current	20A
Pre-charging Current	2A
Charging Mode	Constant Current - Constant Voltage - Float Charge

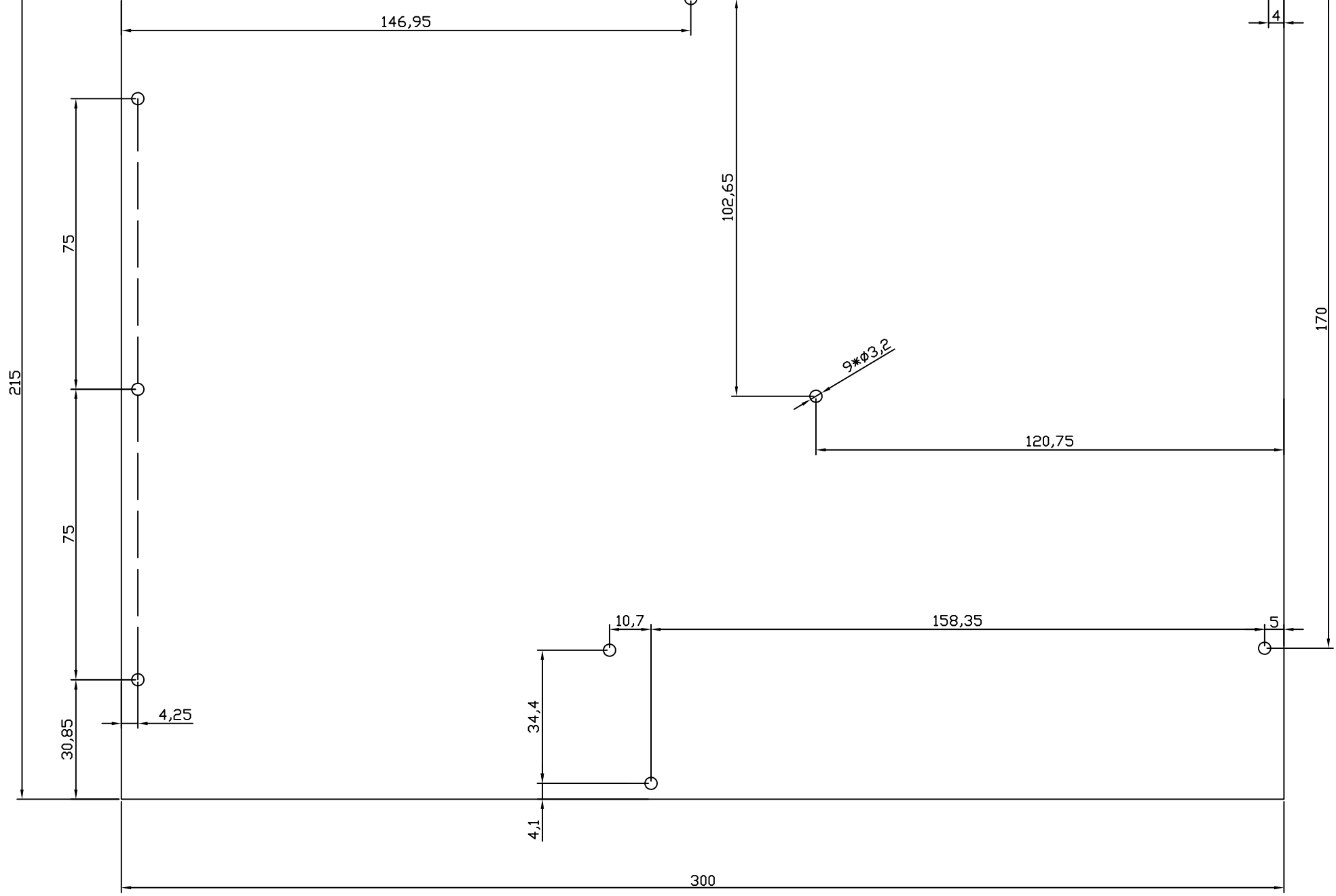
OTHER PARAMETERS

Front and rear isolation	Supported
Reverse connection protection	Supported
On-board MPPT	X
UPS function	Supported
Overheating Protection	Overheat trip at 90° C Recovery at 60° C
Operating temperature	-10°C to +50°C
Storage temperature	-30°C to +70°C
Operating humidity	≤ 90°C Non-freezing
Product Dimensions	300×215×70MM (L×W×H)
Product Weight	2KG
Certification	CE/ROHS/ISO9001/ISO14001/ISO45001

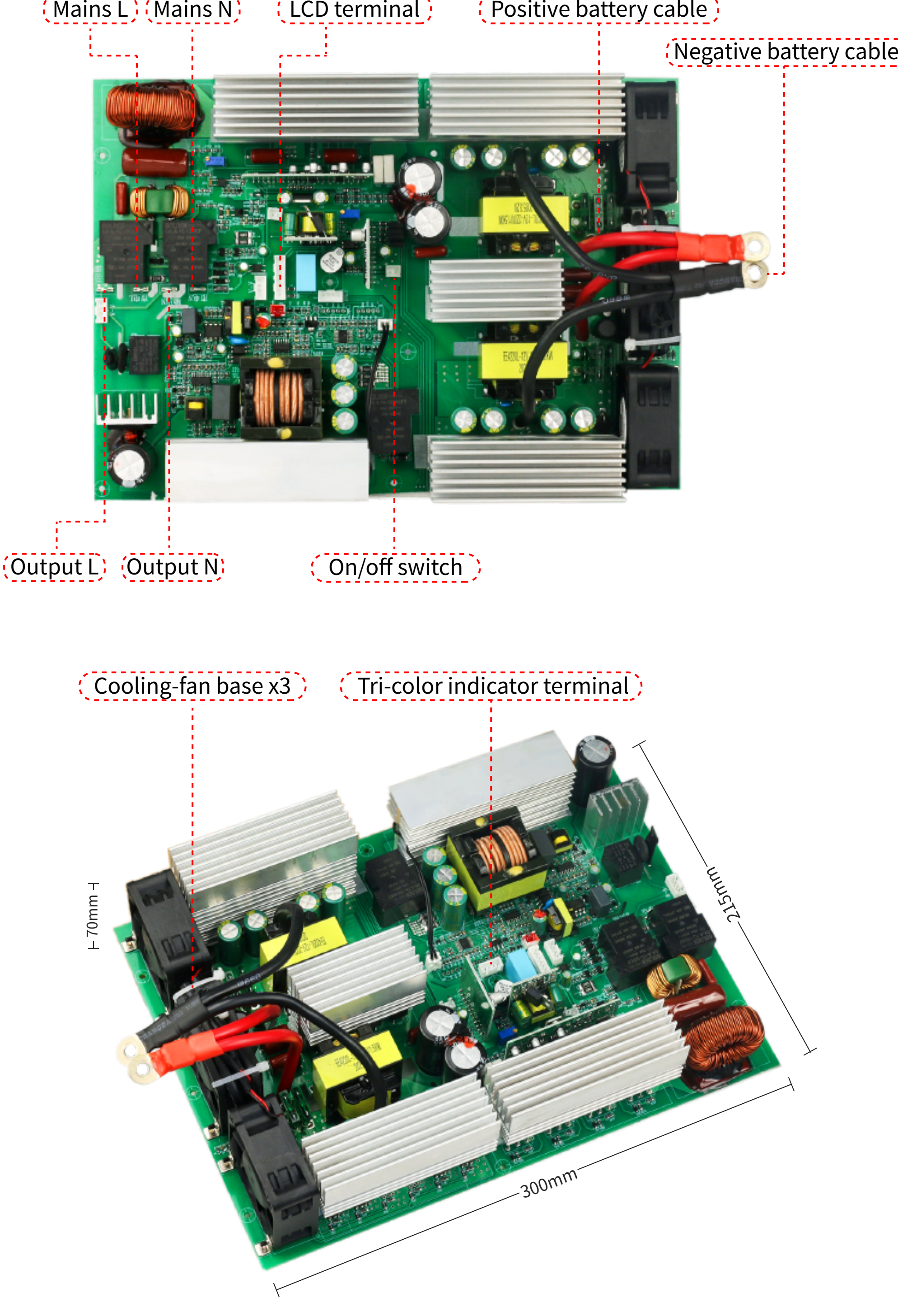
HOW TO INSTALL ACCESSORIES



DIMENSIONS AND SCREW HOLE PARAMETERS(mm)



BIDIRECTIONAL INVERTERBARE BOARD-1500W



Model UPS-1500W

INVERTER MODE (DISCHARGE)

DC Input voltage	24VDC
Battery low voltage protection	20.0±0.5VDC
Battery low voltage recovery	25.2±0.5VDC
Battery high voltage protection	31.6±0.5VDC
Battery high voltage recovery	29±0.5VDC
Continuous power	1500W
AC Output voltage (Battery Mode)	220VAC±15%
Frequency	50HZ/60HZ(Automatic identification)
Wave	Pure Sine Wave
No Load Current	660mA
Total Harmonic Distortion	THD ≤ 3%
Conversion efficiency	92%
Overload protection	>1700W, Shut down the output
Short circuit protection	Supported (Auto-shutdown)

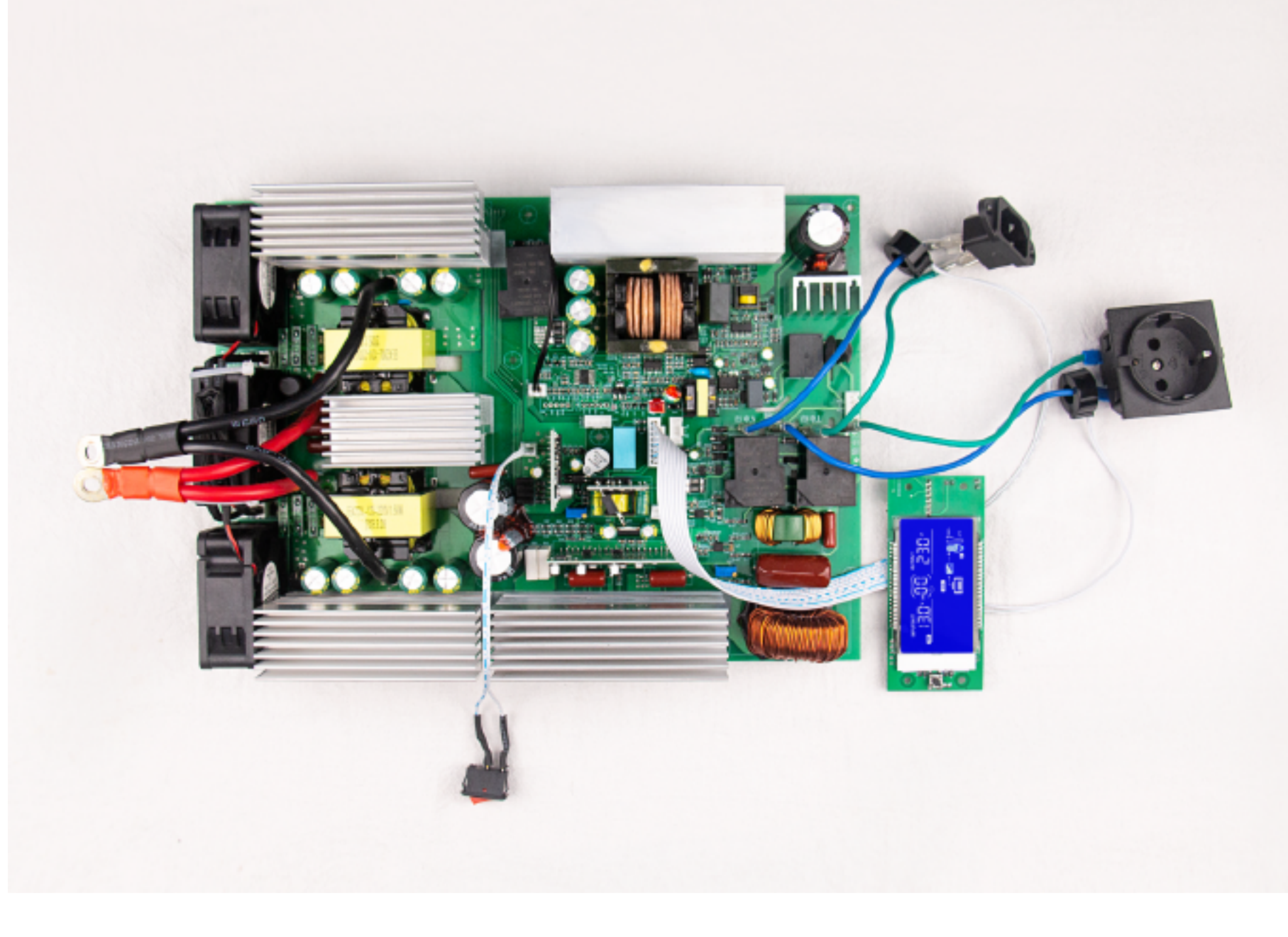
RECTIFICATION MODE(CHARGING)

Rated voltage	220V
AC rated power	480W
UPS switches to mains time	15ms
Power Factor	>0.9
Efficiency(Peak)	≤ 92%
Battery Voltage	24VDC
Float Charging Voltage	28.4VDC
Full Voltage	29.6VDC
Maximum Charging Current	20A
Pre-charging Current	2A
Charging Mode	Constant Current - Constant Voltage - Float Charge

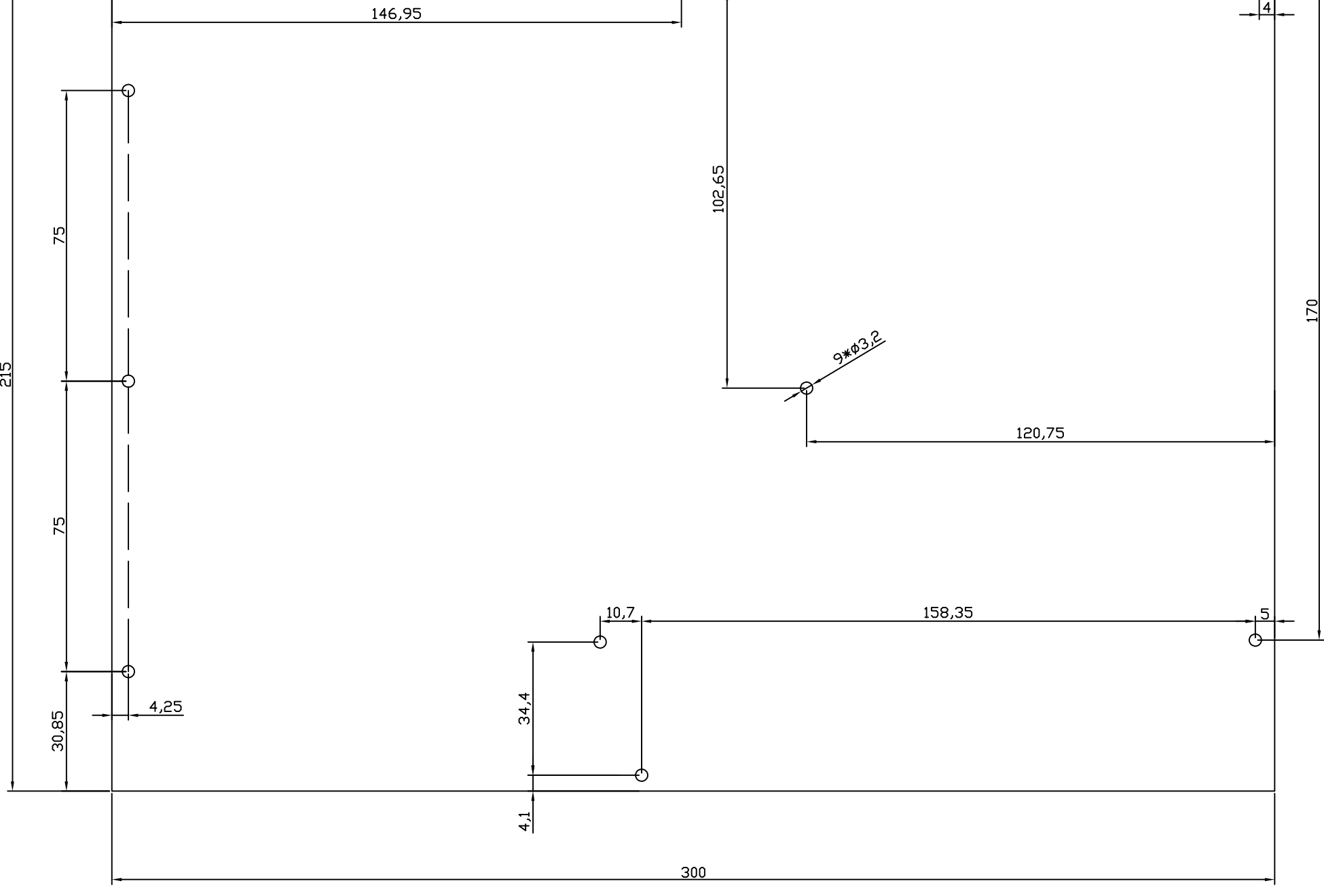
OTHER PARAMETERS

Front and rear isolation	Supported
Reverse connection protection	Supported
On-board MPPT	X
UPS function	Supported
Overheating Protection	Overheat trip at 90° C Recovery at 60° C
Operating temperature	-10°C to +50°C
Storage temperature	-30°C to +70°C
Operating humidity	≤ 90°C Non-freezing
Product Dimensions	300×215×70MM (L×W×H)
Product Weight	2.6KG
Certification	CE/ROHS/ISO9001/ISO14001/ISO45001

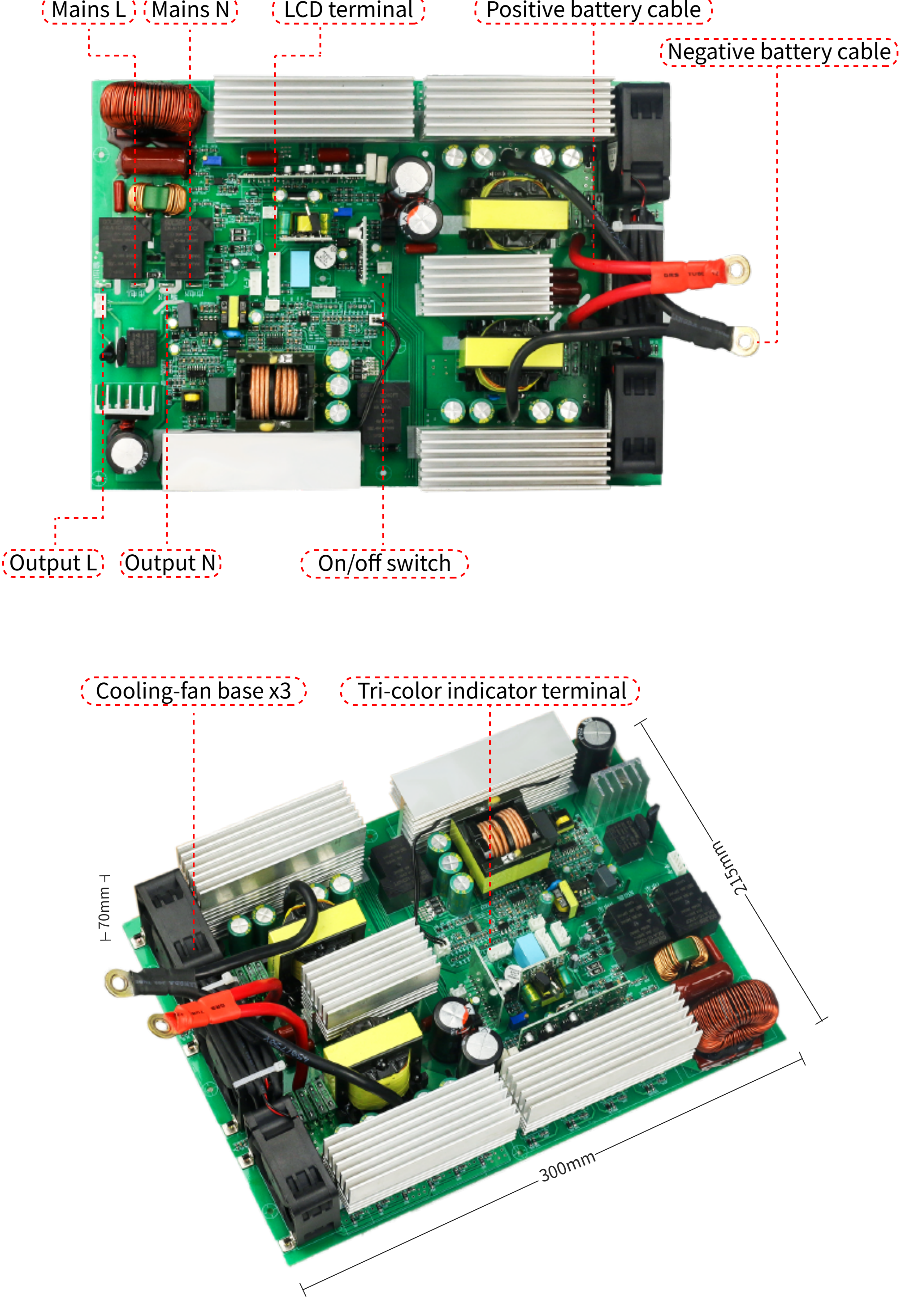
HOW TO INSTALL ACCESSORIES



DIMENSIONS AND SCREW HOLE PARAMETERS(mm)



BIDIRECTIONAL INVERTERBARE BOARD-2000W



Model	UPS-2000W
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INVERTER MODE (DISCHARGE)

DC Input voltage	24VDC
Battery low voltage protection	20.0±0.5VDC
Battery low voltage recovery	25.2±0.5VDC
Battery high voltage protection	31.6±0.5VDC
Battery high voltage recovery	29±0.5VDC
Continuous power	2000W
AC Output voltage (Battery Mode)	220VAC±15%
Frequency	50HZ/60HZ(Automatic identification)
Wave	Pure Sine Wave
No Load Current	660mA
Total Harmonic Distortion	THD ≤ 3%
Conversion efficiency	92%
Overload protection	>2200W, Shut down the output
Short circuit protection	Supported (Auto-shutdown)

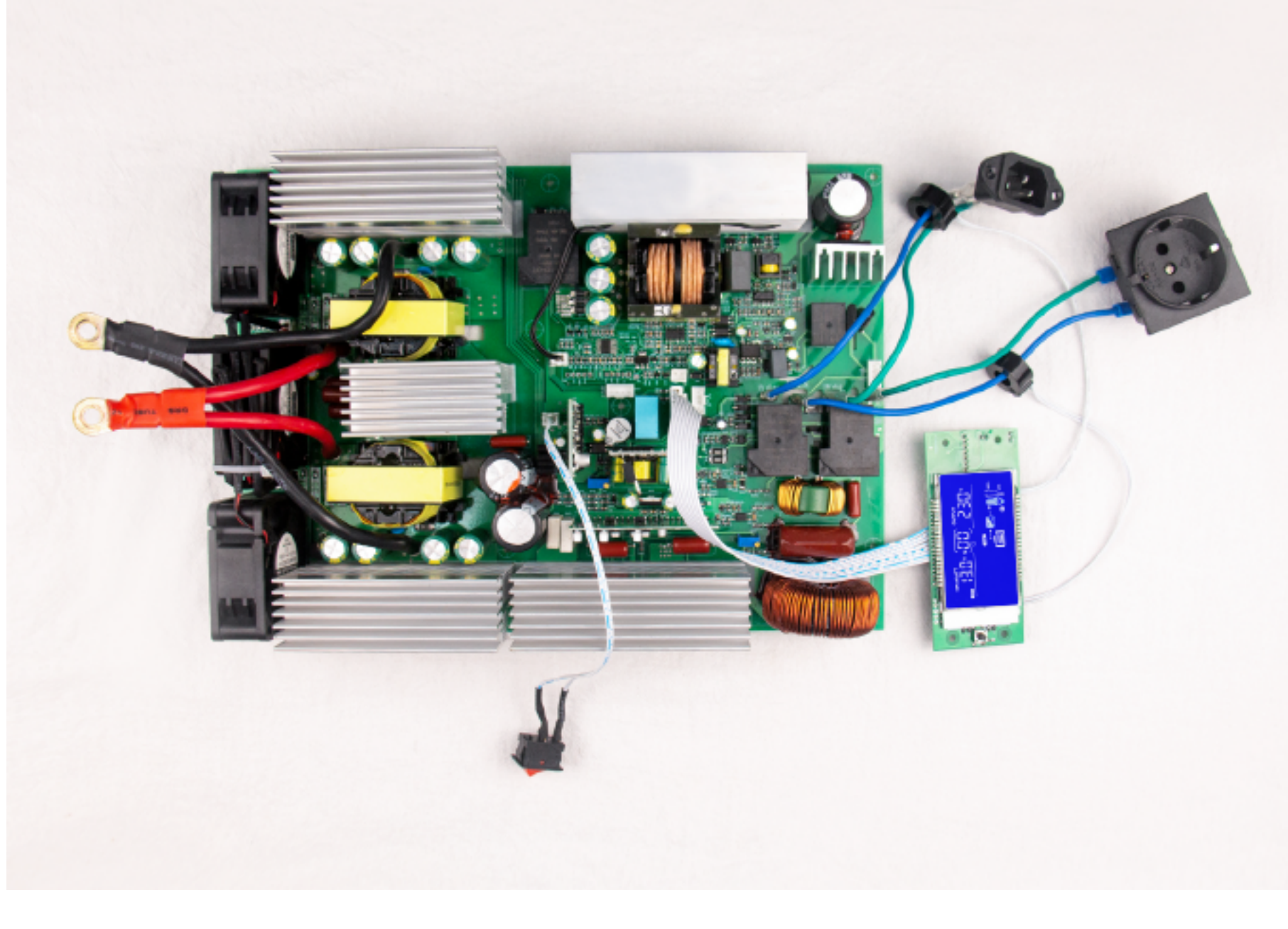
RECTIFICATION MODE(CHARGING)

Rated voltage	220V
AC rated power	480W
UPS switches to mains time	15ms
Power Factor	>0.9
Efficiency(Peak)	≤ 92%
Battery Voltage	24VDC
Float Charging Voltage	28.4VDC
Full Voltage	29.6VDC
Maximum Charging Current	20A
Pre-charging Current	2A
Charging Mode	Constant Current - Constant Voltage - Float Charge

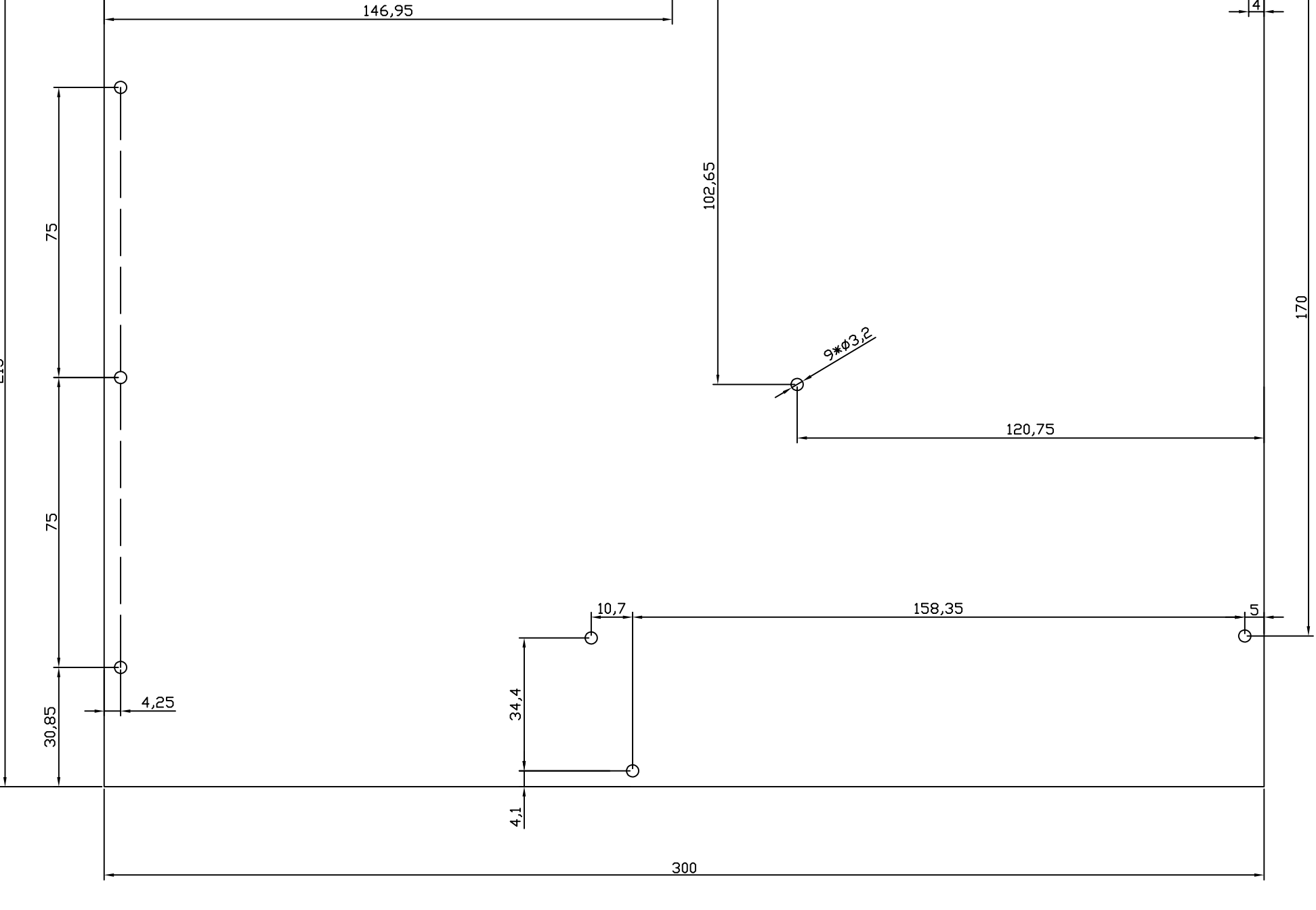
OTHER PARAMETERS

Front and rear isolation	Supported
Reverse connection protection	Supported
On-board MPPT	X
UPS function	Supported
Overheating Protection	Overheat trip at 90° C Recovery at 60° C
Operating temperature	-10°C to +50°C
Storage temperature	-30°C to +70°C
Operating humidity	≤ 90°C Non-freezing
Product Dimensions	300×215×70MM (L×W×H)
Product Weight	2.8KG
Certification	CE/ROHS/ISO9001/ISO14001/ISO45001

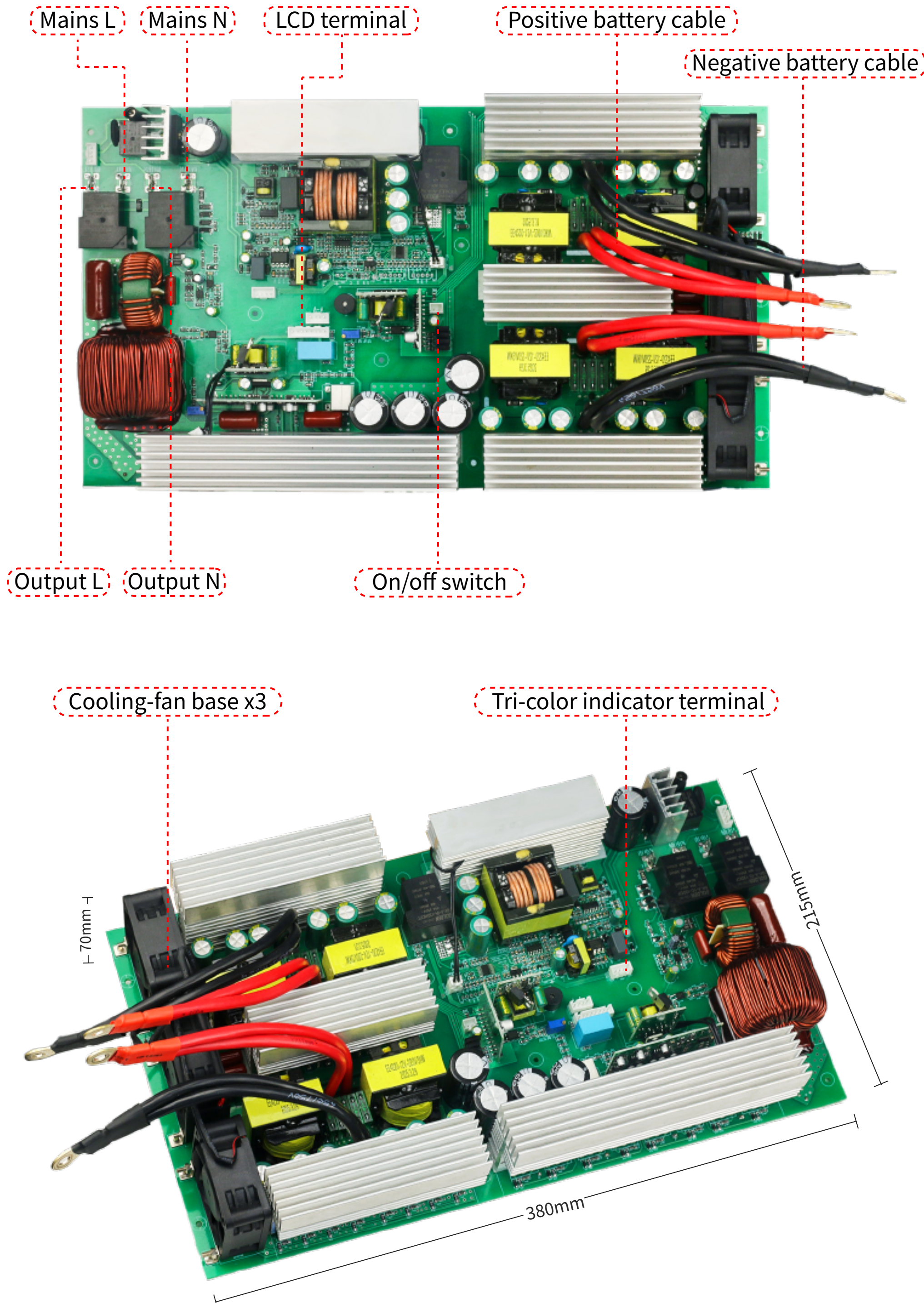
HOW TO INSTALL ACCESSORIES



DIMENSIONS AND SCREW HOLE PARAMETERS(mm)

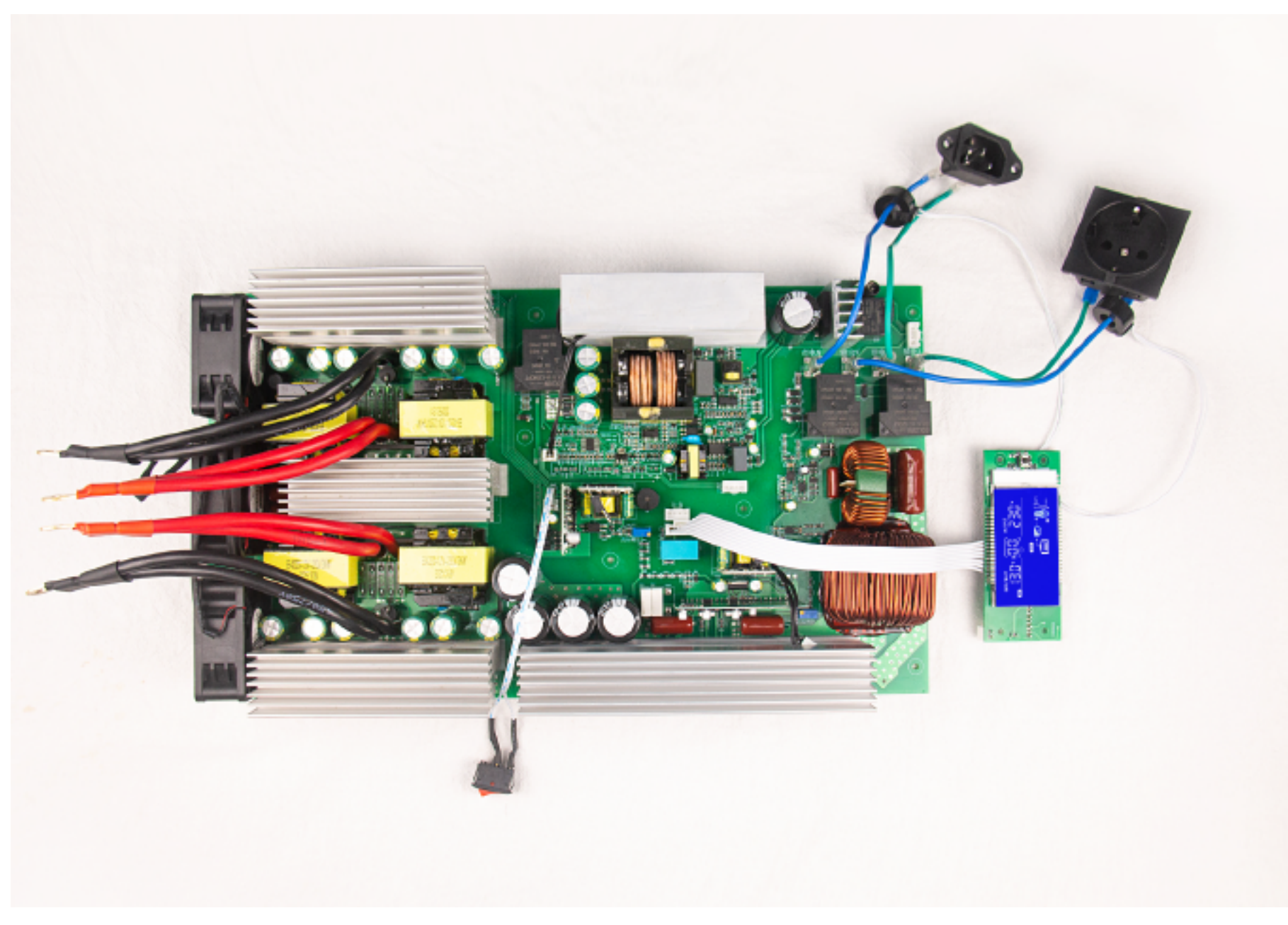


BIDIRECTIONAL INVERTERBARE BOARD-3000W

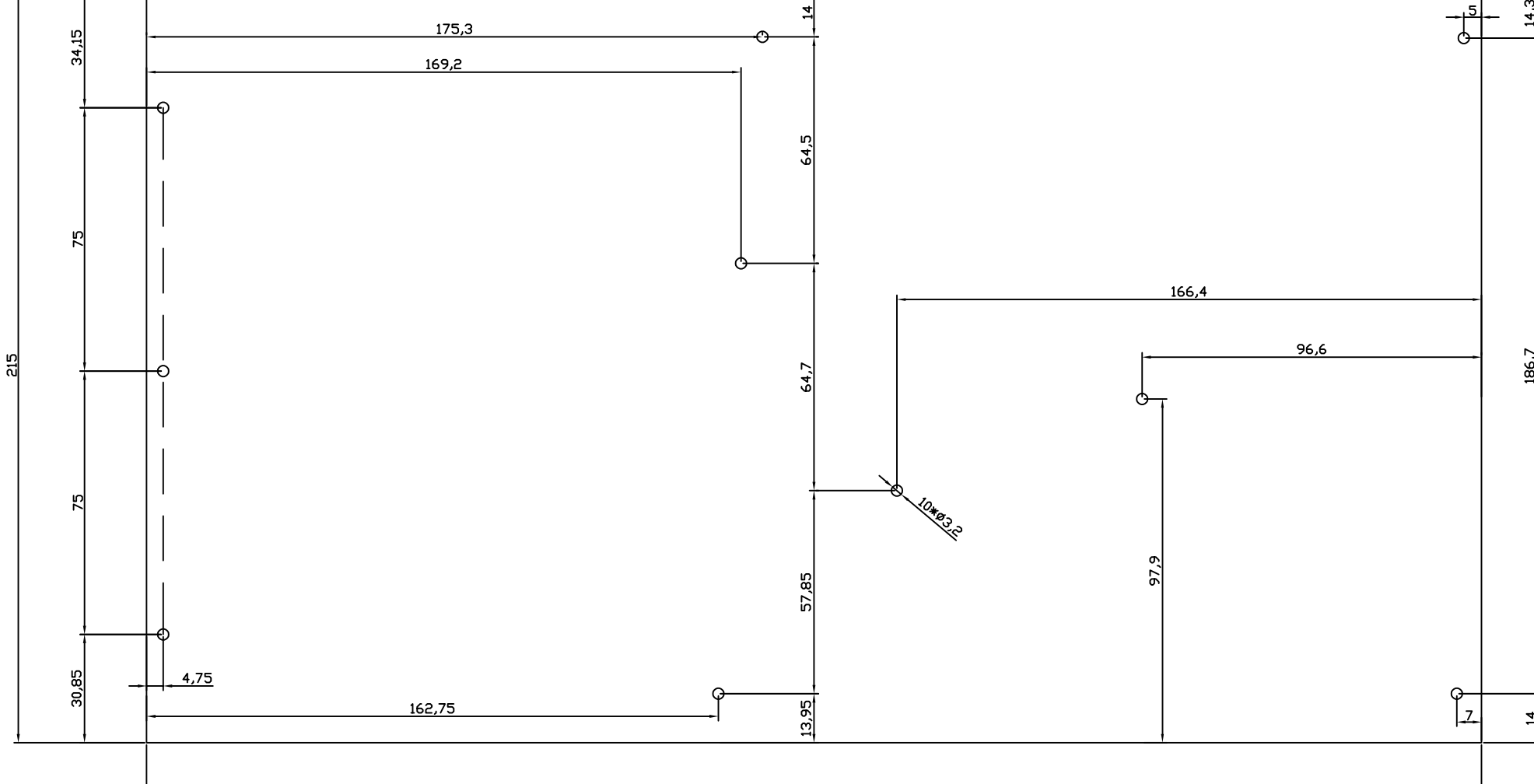


Model		UPS-3000W
INVERTER MODE (DISCHARGE)		
DC Input voltage		24VDC
Battery low voltage protection		20.0±0.5VDC
Battery low voltage recovery		25.2±0.5VDC
Battery high voltage protection		31.6±0.5VDC
Battery high voltage recovery		29±0.5VDC
Continuous power		3000W
AC Output voltage (Battery Mode)		220VAC±15%
Frequency	50HZ/60HZ(Automatic identification)	
Wave	Pure Sine Wave	
No Load Current		660mA
Total Harmonic Distortion		THD ≤ 3%
Conversion efficiency		92%
Overload protection		>3200W, Shut down the output
Short circuit protection		Supported (Auto-shutdown)
RECTIFICATION MODE(CHARGING)		
Rated voltage		220V
AC rated power		480W
UPS switches to mains time		15ms
Power Factor		>0.9
Efficiency(Peak)		≤ 92%
Battery Voltage		24VDC
Float Charging Voltage		28.4VDC
Full Voltage		29.6VDC
Maximum Charging Current		20A
Pre-charging Current		2A
Charging Mode		Constant Current - Constant Voltage - Float Charge
OTHER PARAMETERS		
Front and rear isolation		Supported
Reverse connection protection		Supported
On-board MPPT		X
UPS function		Supported
Overheating Protection	Overheat trip at 90° C	Recovery at 60° C
Operating temperature		-10°C to +50°C
Storage temperature		-30°C to +70°C
Operating humidity		≤ 90°C Non-freezing
Product Dimensions		380×215×70MM (L×W×H)
Product Weight		4KG
Certification		CE/ROHS/ISO9001/ISO14001/ISO15001

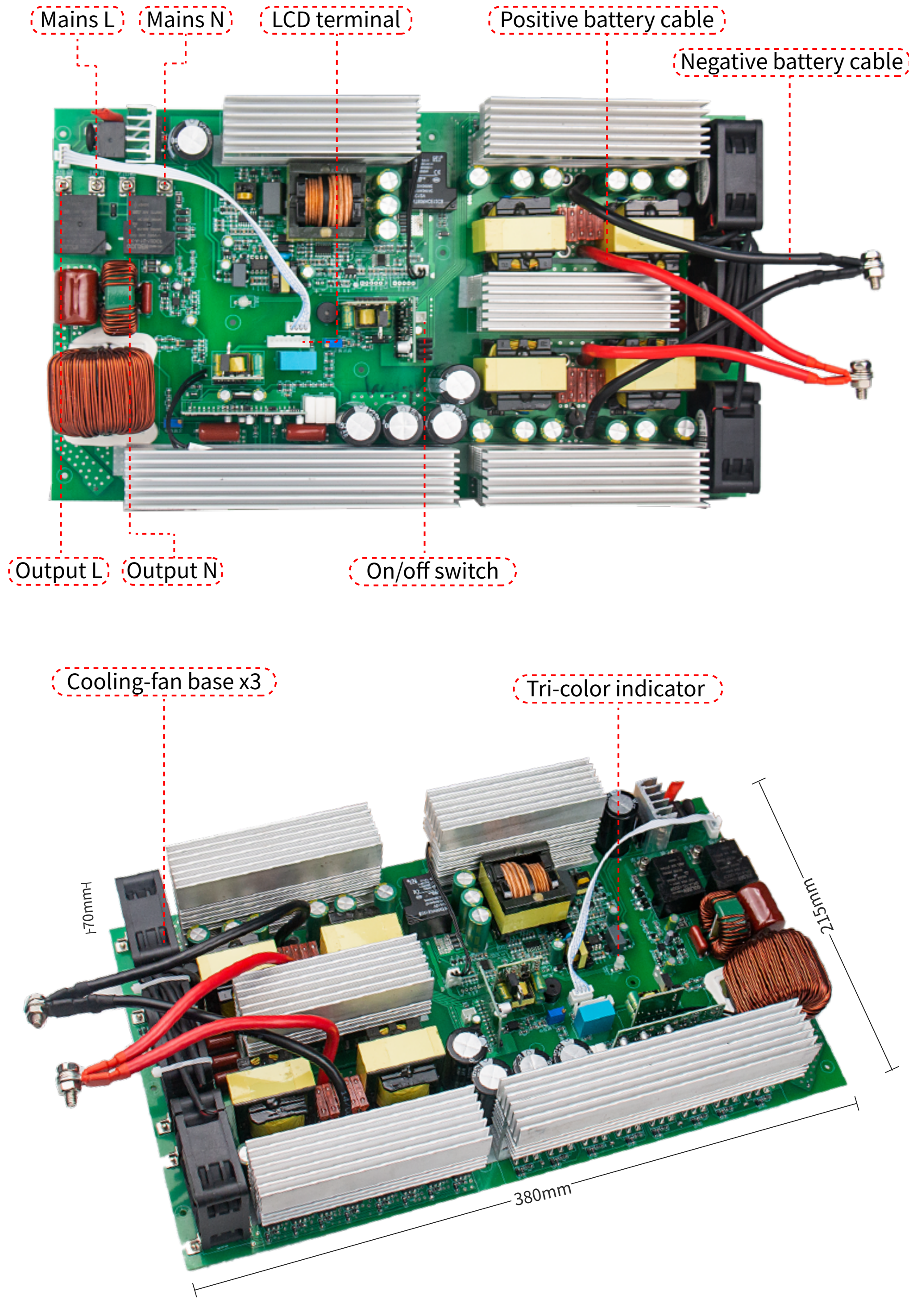
HOW TO INSTALL ACCESSORIES



DIMENSIONS AND SCREW HOLE PARAMETERS(mm)

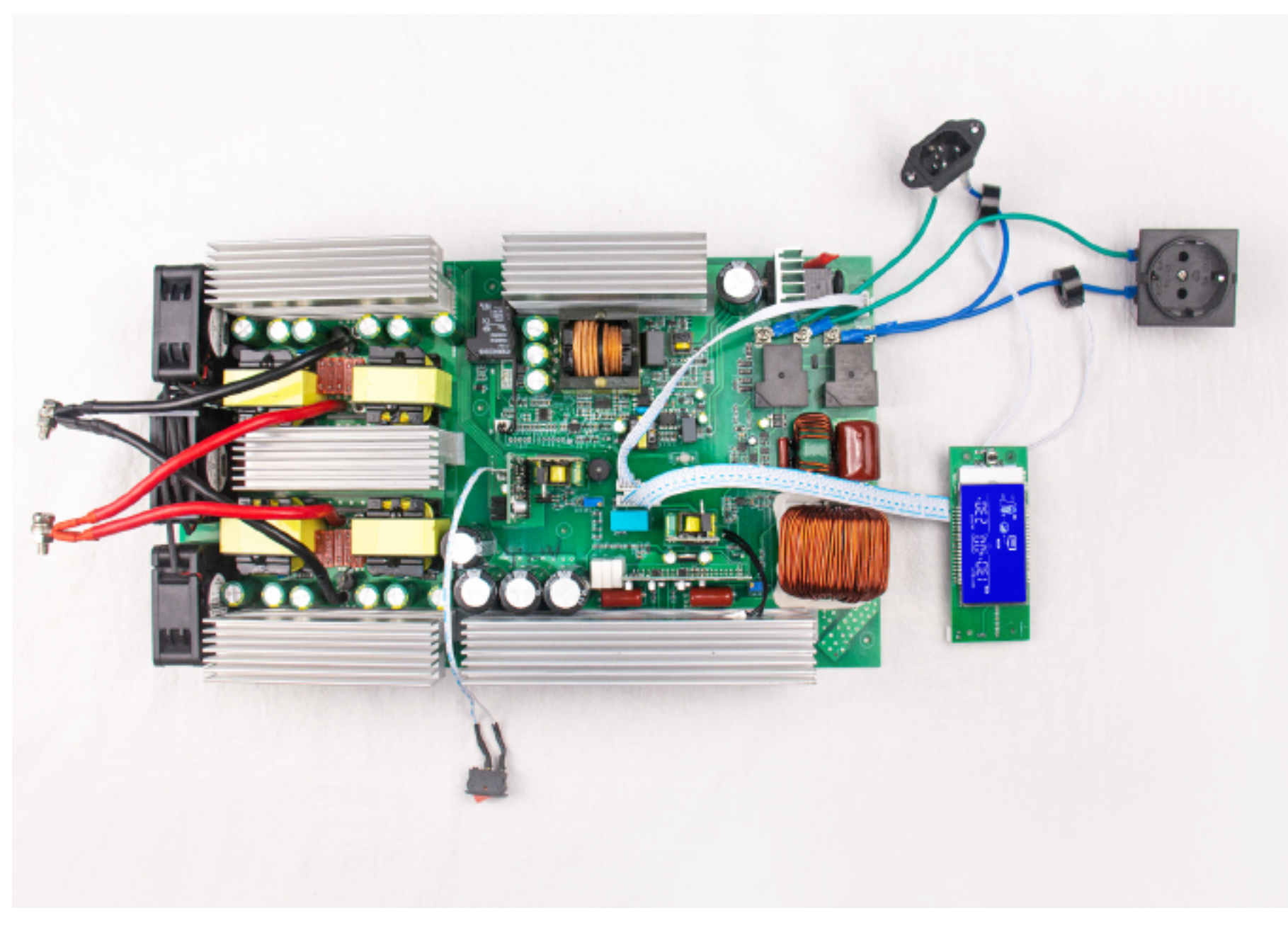


BIDIRECTIONAL INVERTERBARE BOARD-4000W

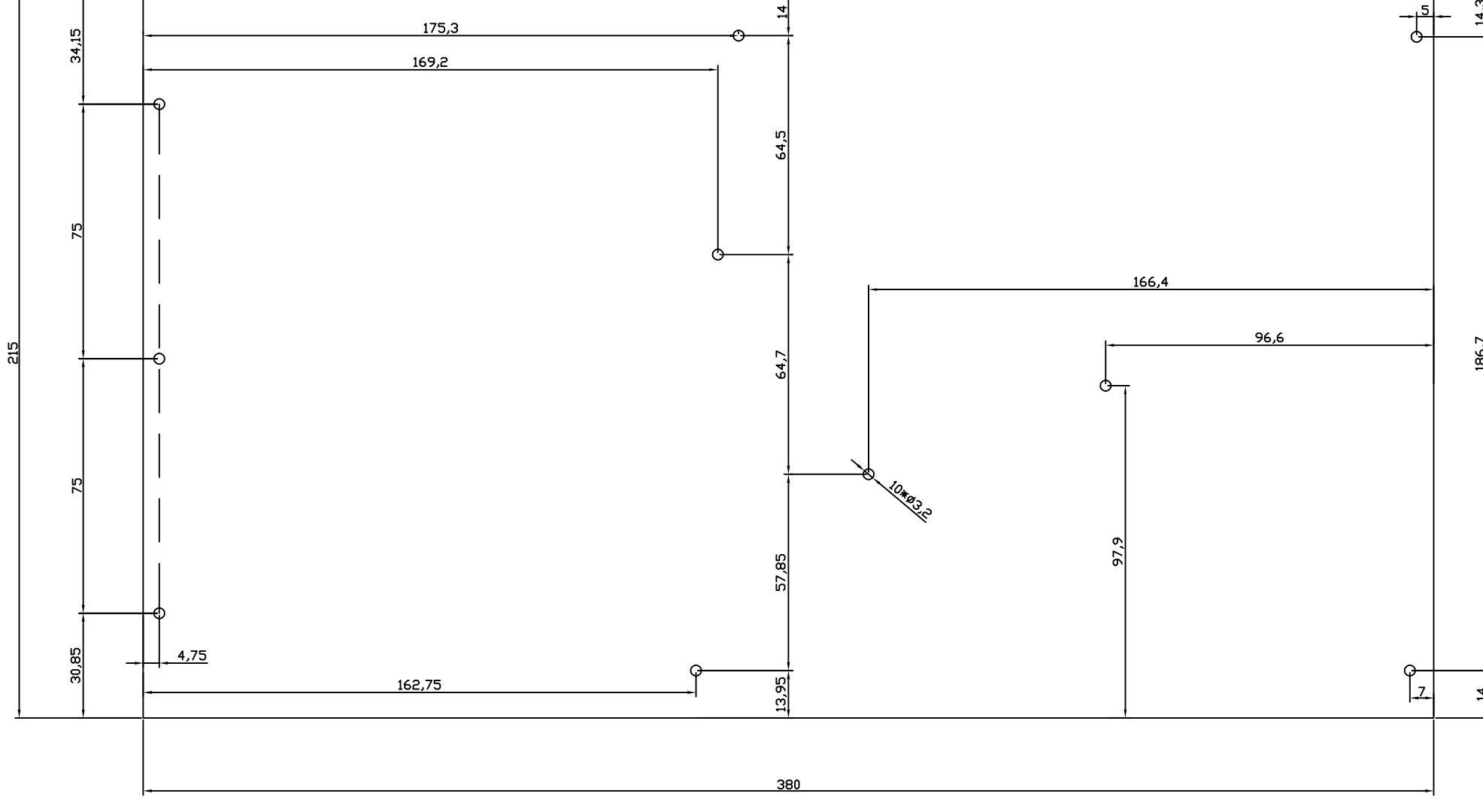


Model		UPS-4000W
INVERTER MODE (DISCHARGE)		
DC Input voltage	24VDC	
Battery low voltage protection	20.0±0.5VDC	
Battery low voltage recovery	25.2±0.5VDC	
Battery high voltage protection	31.6±0.5VDC	
Battery high voltage recovery	29±0.5VDC	
Continuous power	4000W	
AC Output voltage (Battery Mode)	220VAC±15%	
Frequency	50HZ/60HZ(Automatic identification)	
Wave	Pure Sine Wave	
No Load Current	660mA	
Total Harmonic Distortion	THD ≤ 3%	
Conversion efficiency	92%	
Overload protection	>4200W, Shut down the output	
Short circuit protection	Supported (Auto-shutdown)	
RECTIFICATION MODE(CHARGING)		
Rated voltage	220V	
AC rated power	480W	
UPS switches to mains time	15ms	
Power Factor	>0.9	
Efficiency(Peak)	≤ 92%	
Battery Voltage	24VDC	
Float Charging Voltage	28.4VDC	
Full Voltage	29.6VDC	
Maximum Charging Current	20A	
Pre-charging Current	2A	
Charging Mode	Constant Current - Constant Voltage - Float Charge	
OTHER PARAMETERS		
Front and rear isolation	Supported	
Reverse connection protection	Supported	
On-board MPPT	X	
UPS function	Supported	
Overheating Protection	Overheat trip at 90° C	Recovery at 60° C
Operating temperature	-10°C to +50°C	
Storage temperature	-30°C to +70°C	
Operating humidity	≤ 90°C Non-freezing	
Product Dimensions	380×215×70MM (L×W×H)	
Product Weight	4.2KG	
Certification	CE/ROHS/ISO9001/ISO14001/ISO45001	

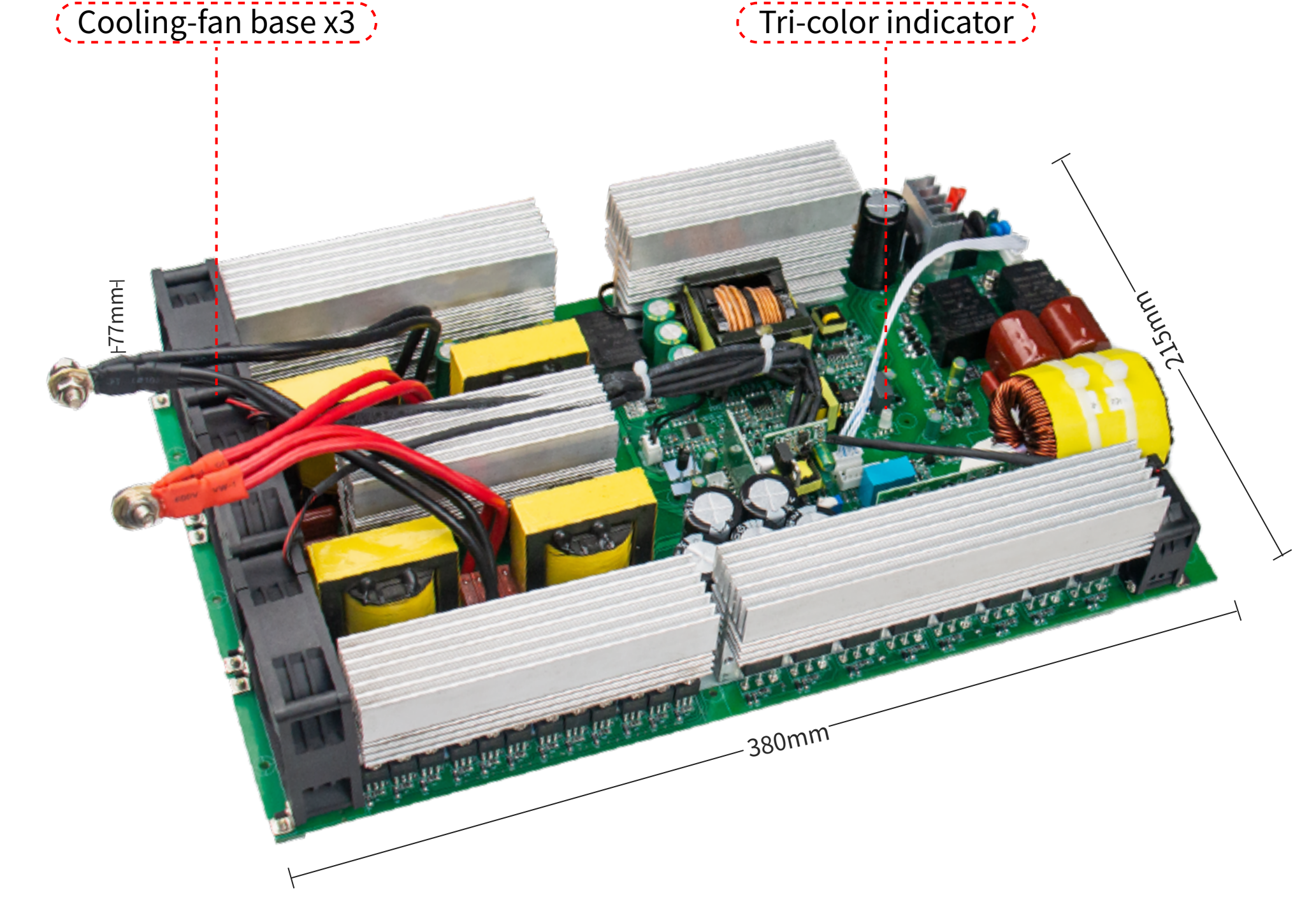
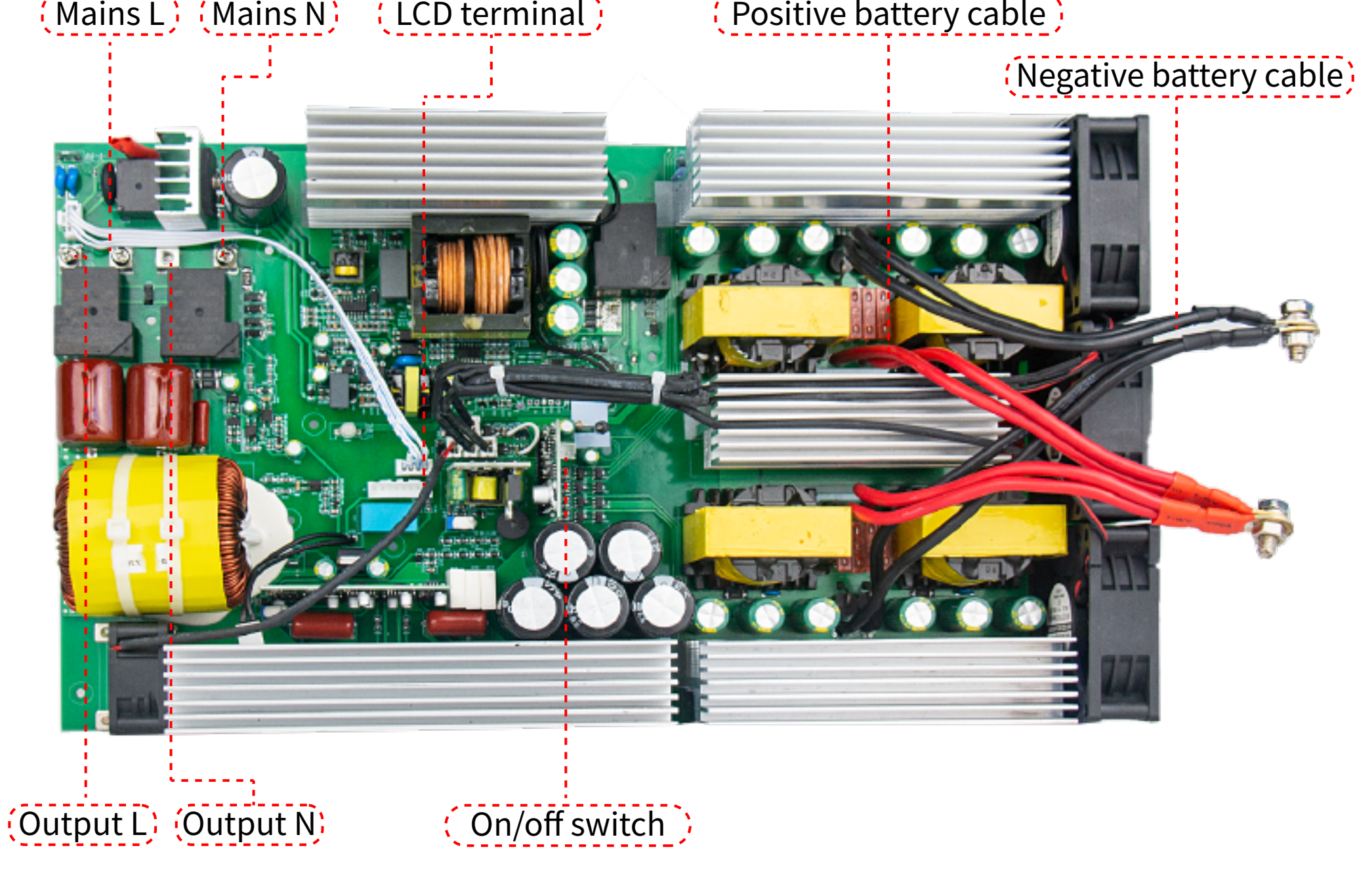
HOW TO INSTALL ACCESSORIES



DIMENSIONS AND SCREW HOLE PARAMETERS(mm)



BIDIRECTIONAL INVERTERBARE BOARD-5000W



Model UPS-5000W

INVERTER MODE (DISCHARGE)

DC Input voltage	24VDC
Battery low voltage protection	20.0±0.5VDC
Battery low voltage recovery	25.2±0.5VDC
Battery high voltage protection	31.6±0.5VDC
Battery high voltage recovery	29±0.5VDC
Continuous power	5000W
AC Output voltage (Battery Mode)	220VAC±15%
Frequency	50HZ/60HZ(Automatic identification)
Wave	Pure Sine Wave
No Load Current	660mA
Total Harmonic Distortion	THD ≤ 3%
Conversion efficiency	92%
Overload protection	>5200W, Shut down the output
Short circuit protection	Supported (Auto-shutdown)

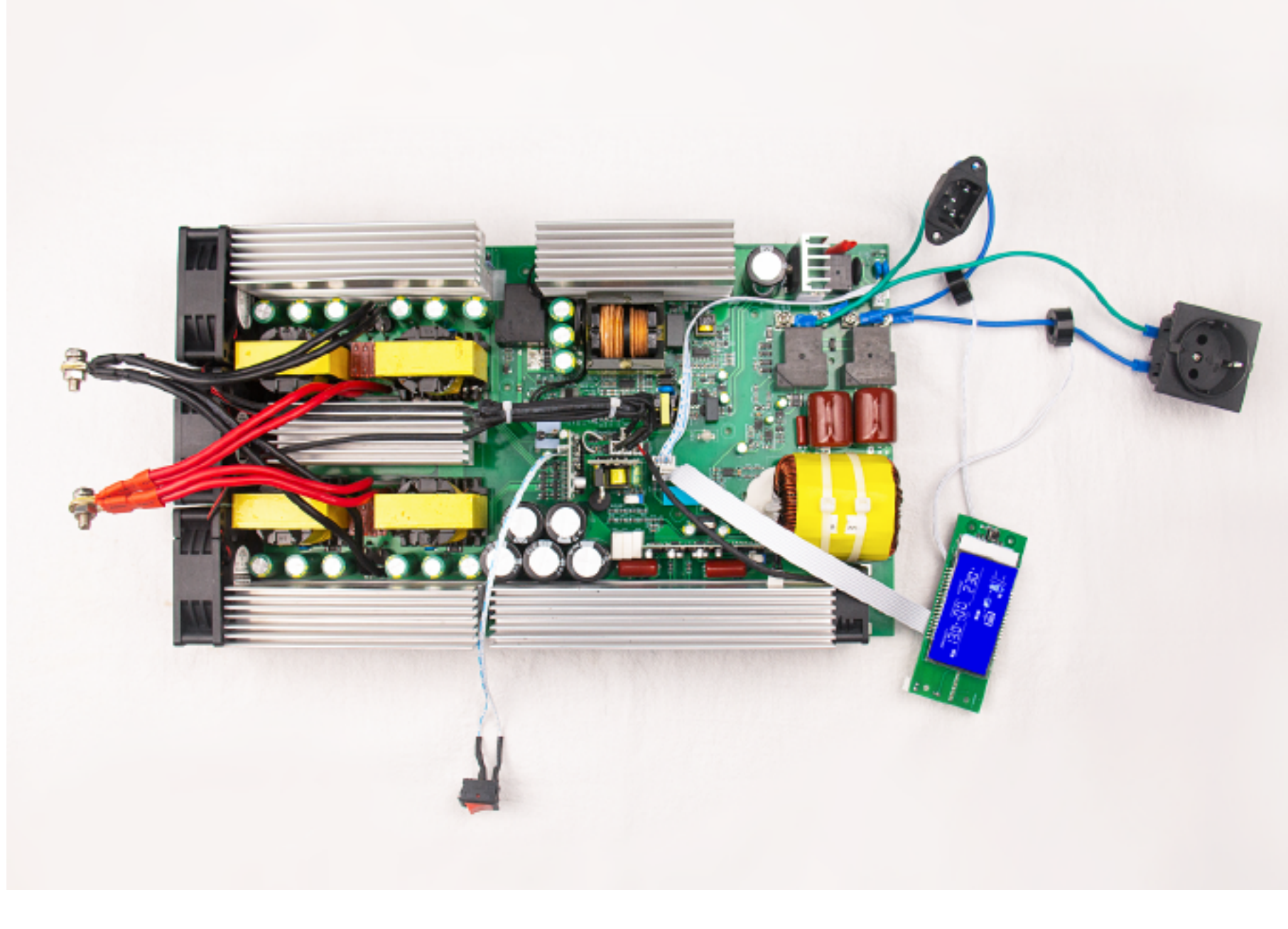
RECTIFICATION MODE(CHARGING)

Rated voltage	220V
AC rated power	480W
UPS switches to mains time	15ms
Power Factor	>0.9
Efficiency(Peak)	≤ 92%
Battery Voltage	24VDC
Float Charging Voltage	28.4VDC
Full Voltage	29.6VDC
Maximum Charging Current	20A
Pre-charging Current	2A
Charging Mode	Constant Current - Constant Voltage - Float Charge

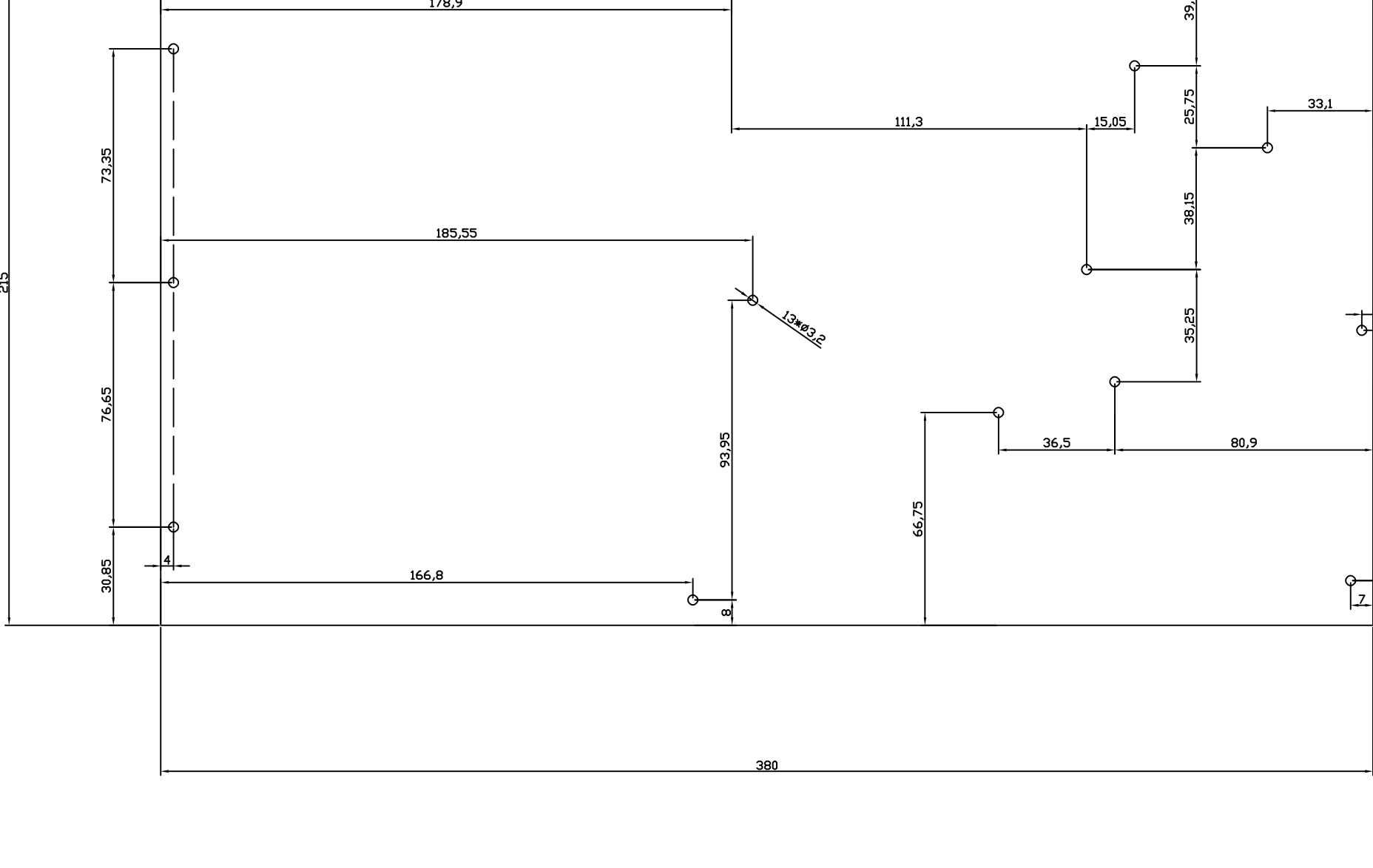
OTHER PARAMETERS

Front and rear isolation	Supported
Reverse connection protection	Supported
On-board MPPT	X
UPS function	Supported
Overheating Protection	Overheat trip at 90° C Recovery at 60° C
Operating temperature	-10°C to +50°C
Storage temperature	-30°C to +70°C
Operating humidity	≤ 90°C Non-freezing
Product Dimensions	380×215×77MM (L×W×H)
Product Weight	4.5KG
Certification	CE/ROHS/ISO9001/ISO14001/ISO45001

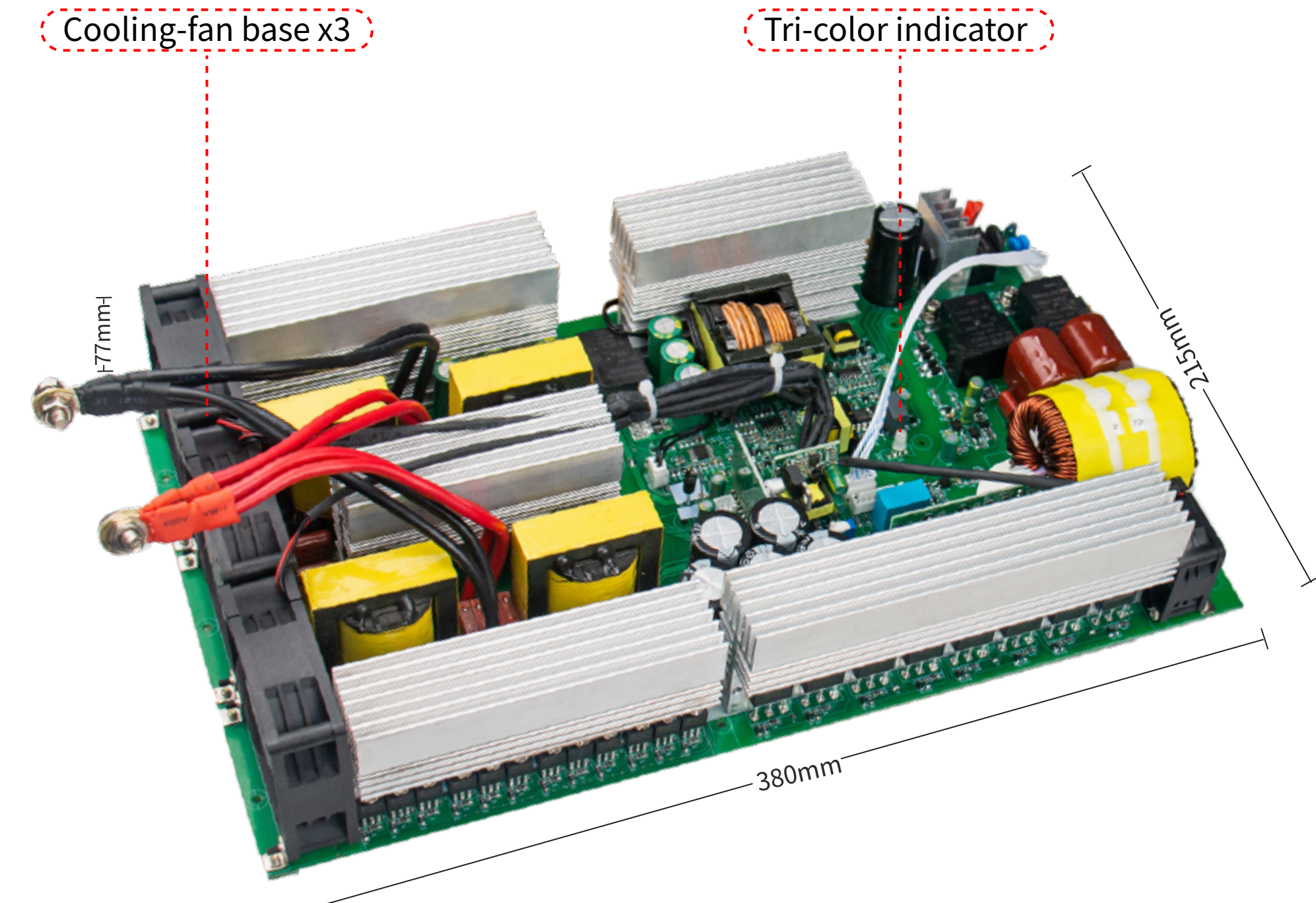
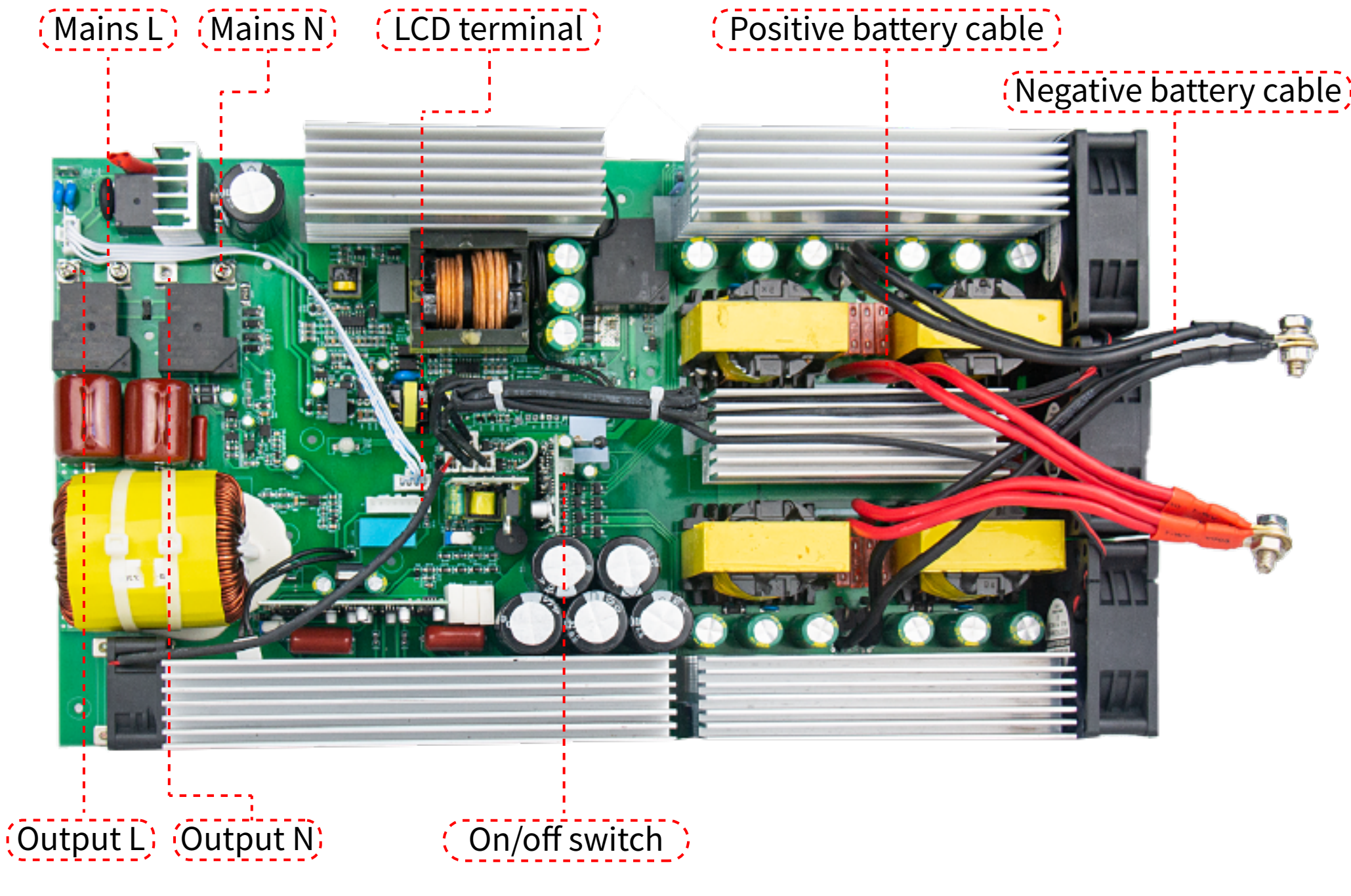
HOW TO INSTALL ACCESSORIES



DIMENSIONS AND SCREW HOLE PARAMETERS(mm)



BIDIRECTIONAL INVERTERBARE BOARD-6000W



Model	UPS-6000W
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INVERTER MODE (DISCHARGE)

DC Input voltage	24VDC
Battery low voltage protection	20.0±0.5VDC
Battery low voltage recovery	25.2±0.5VDC
Battery high voltage protection	31.6±0.5VDC
Battery high voltage recovery	29±0.5VDC
Continuous power	6000W
AC Output voltage (Battery Mode)	220VAC±15%
Frequency	50HZ/60HZ(Automatic identification)
Wave	Pure Sine Wave
No Load Current	660mA
Total Harmonic Distortion	THD ≤ 3%
Conversion efficiency	92%
Overload protection	>6200W, Shut down the output
Short circuit protection	Supported (Auto-shutdown)

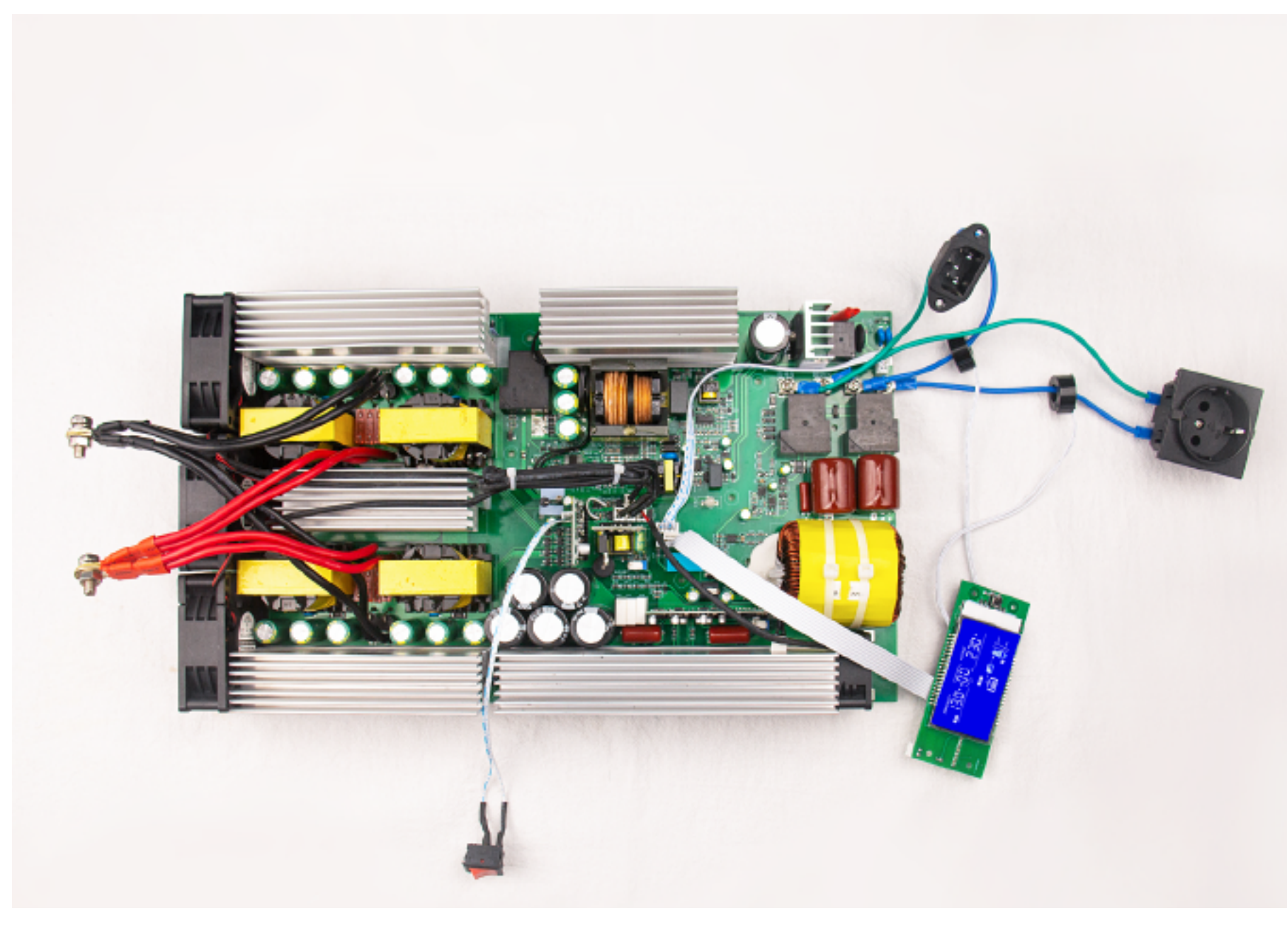
Rated voltage

Rated voltage	220V
AC rated power	480W
UPS switches to mains time	15ms
Power Factor	>0.9
Efficiency(Peak)	≤ 92%
Battery Voltage	24VDC
Float Charging Voltage	28.4VDC
Full Voltage	29.6VDC
Maximum Charging Current	20A
Pre-charging Current	2A
Charging Mode	Constant Current - Constant Voltage - Float Charge

OTHER PARAMETERS

Front and rear isolation	Supported
Reverse connection protection	Supported
On-board MPPT	X
UPS function	Supported
Overheating Protection	Overheat trip at 90° C Recovery at 60° C
Operating temperature	-10°C to +50°C
Storage temperature	-30°C to +70°C
Operating humidity	≤ 90% Non-freezing
Product Dimensions	380×215×77MM (L×W×H)
Product Weight	4.7KG

HOW TO INSTALL ACCESSORIES



DIMENSIONS AND SCREW HOLE PARAMETERS(mm)

