

WHATSMINER

Product Manual

CATALOG



M3	80 SERIE	S				
01	M30S++			<u></u>		01
01	111000					<u>.</u>
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M50 SERIES

07 M33S+

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WHATSMINER M30S++

Air Cooling



SPECIFICATIO	N		
Hashrate	100~112T ± 5%	Size	430mm*155mm*226mm
Power Ratio	31J/T ± 5% @25° C	Weight	11.7KG
Power On Wall	3100~3472W ± 10%	Internet Connections	Ethernet
Working Temperature	-5° C ~ 35° C	Power Cable Model	IEC C19, ≥16A
PSU Model	P221B/P222B AC220V	~ 240V	







Components	Power Supply, Fan, Control E Hash Board, Case		

Flashing Light
Introduction
Blinking Green Light:
Working normally

Green and Red Lights Alternately Flashing:
Alarm status and need to find the response error code

Safety Guidelines	1. Please check if there is any obvious physical failure before
• /	power on, beware of electric shock
	2. The product must be kept away from water sources and

- must not be operated in a humid environment
- 3. It requires professionals to carry out daily maintenance on the product
- 4. It is forbidden to directly touch the product by hand when power is on
- 5. Please use the stable voltage

Warranty Period	One yea	r after leaving th	ne factory		
			•		<
After-sales Contact	1. Email	l: Support@micr	robt.com		
> Information	2. Teleg	ram Group: @W	hatsMiner Com	nmunity	

WHATSMINER M30S+ Air Cooling



SPECIFICATIO	N			
Hashrate	100T ± 5%	Size	430mm*155mm*2	226mm
Power Ratio	34J/T ± 5% @25° C	Weight	11.7KG	
Power On Wall	3400W ± 10%	Internet Connections	Ethernet	
Working Temperature	-5° C ~ 35° C	Power Cable Model	IEC C19, ≥16A	
PSU Model	P221B/P222B AC220V ~	240V Whatsmi	ner	W



After-sales Contact

Information





/	
Components	Power Supply, Fan, Control Board,
	Hash Board, Case
>	<
Flashing Light	Blinking Green Light:
Introduction	Working normally
	Green and Red Lights Alternately Flashing:
	Alarm status and need to find the response error code
	Authorized to the response end code
Safety Guidelines	 Please check if there is any obvious physical failure before power on, beware of electric shock
	The product must be kept away from water sources and must not be operated in a humid environment
	 It requires professionals to carry out daily maintenance on the product
	 It is forbidden to directly touch the product by hand when power is on
	5. Please use the stable voltage
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Warranty Period	One year after leaving the factory

1. Email: Support@microbt.com

2. Telegram Group: @WhatsMiner Community

WHATSMINER M30S

Air Cooling



SPECIFICATIO	N		
Hashrate	88T ± 5%	Size	430mm*155mm*226mm
Power Ratio	38J/T ± 5% @25° C	Weight	11.7KG
Power On Wall	3344W ± 10%	Internet Connections	Ethernet
Working Temperature	-5° C ~ 35° C	Power Cable Model	IEC C19, ≥16A
PSU Model	P221B/P222B AC220V ~	240V Whatsmi	ner wh







Components	Power Supply, Fan, Control Board,	
	Hash Board, Case	
Flashing Light	Blinking Green Light:	
Introduction	Working normally	
	Green and Red Lights Alternately Flashing:	
	Alarm status and need to find the response error code	:
\times	\times	X
Safety Guidelines	 Please check if there is any obvious physical failure power on, beware of electric shock 	e before
	The product must be kept away from water sources must not be operated in a humid environment	s and
	It requires professionals to carry out daily mainten the product	ance on
	 It is forbidden to directly touch the product by han power is on 	d when
	5. Please use the stable voltage	
Warranty Period	One year after leaving the factory	
46 1 6 1		
After-sales Contact	1. Email: Support@microbt.com	
Information	2. Telegram Group: @WhatsMiner Community	

WHATSMINER M31S+

Air Cooling



SPECIFICATIO	N		
Hashrate	80T ± 5%	Size	430mm*155mm*226mm
Power Ratio	42J/T ± 5% @25° C	Weight	11.7KG
Power On Wall	3360W ± 10%	Internet Connections	Ethernet
Working Temperature	-5° C ~ 35° C	Power Cable Model	IEC C19, ≥16A
PSU Model	P221B/P222B AC220V ~	240V Whatsmi	ner wh







Components	Power Supply, Fan, Control Board, Hash Board, Case	
Flashing Light	Blinking Green Light:	
Introduction	Working normally	
	Green and Red Lights Alternately Flashing:	
	Alarm status and need to find the response error cod	e
Safety Guidelines	 Please check if there is any obvious physical failur power on, beware of electric shock 	e before
	The product must be kept away from water source must not be operated in a humid environment	es and wha
	It requires professionals to carry out daily mainten the product	nance on
	 It is forbidden to directly touch the product by har power is on 	nd when
	5. Please use the stable voltage	
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Warranty Period	One year after leaving the factory	
After-sales Contact	Email: Support@microbt.com	
Information	Telegram Group: @WhatsMiner Community	

WHATSMINER M31S

Air Cooling



SPECIFICATIO	N		
Hashrate	72T ± 5%	Size	430mm*155mm*226mm
Power Ratio	46J/T ± 5% @25° C	Weight	11.7KG
Power On Wall	3312W ± 10%	Internet Connections	Ethernet
Working Temperature	-5° C ~ 35° C	Power Cable Model	IEC C19, ≥16A
PSU Model	P221B/P222B AC220V ~	240V Whatsmi	ner wi







Power Supply, Fan, Control Board,
Hash Board, Case whatsminer what
Blinking Green Light:
Working normally
Green and Red Lights Alternately Flashing:
Alarm status and need to find the response error code
 Please check if there is any obvious physical failure before power on, beware of electric shock
The product must be kept away from water sources and must not be operated in a humid environment
3. It requires professionals to carry out daily maintenance on the product
 It is forbidden to directly touch the product by hand when power is on
5. Please use the stable voltage
whatsminer whatsminer what
One year after leaving the factory
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1. Email: Support@microbt.com
2. Telegram Group: @WhatsMiner Community

WHATSMINER M33S++

Hydro Cooling





3	SPECIFICATION				
_	Hashrate	218~240T ±10%			
	Power Ratio	31J/T ± 5%			X
3	PSU whatsminer	AC380V, 3W+ ground,	input 10kw	tsminer	W.S. W
_	Size	86mm*482.6mm*650	mm		
	Weight	Net weight: 27.5kg	Weight with pac	kaging materia	als: 30kg
	Coolant demand per machine	About 1L			
~ `	Power Cable Model	Custom made			
	Internet Connections	Ethernet			<u> </u>

ENVIRONMENTAL PARAMETERS

Liquid temperature	☐ Working tempera	ature (inlet): 20 °C ~5	0°C@normal mod	de
	20 ° ~40 ° @high	performance mod	e;	
	☐ Inlet temperature	e control accuracy	± 2℃	
	☐ Storage and trans	sportation temper	ature: -40~70℃	
	Note: please empty transportation. If it above the freezing	is not emptied, en		
Liquid flow	☐ Limited Data:≥1	.0L/min		
	☐ Flow control accu	uracy ± 10%		
	Remarks: 10L/min of between inlet and of @high performance	outlet water close t		

whatsminer whether	whatsminer	whatsminer \$
Liquid pressure	≤350kpa	
	Remarks: when the pressure	is more than 300kpa, the
		formed and cause the risk of coolant
		244.7
whatsminer	whatsminer	whatsminer
Liquid medium	First-level deionized water: n standard GB/T 6682-2008 first	neet the requirements of the national st-level deionized water
	Notice:	
	1) If the water conductivity is	s ≥100us/cm, the medium must be
	replaced;	
whatsminer	The water conductivity is running for the first time.	less than 5us/cm when the system is
Liquid PH	Control range: 6~8	
Liquid medium circulation	☐ Anti-rust and anti-corrosio	n of nineline
system(Machine side)		ne liquid medium is ≤53 microns,
	-	em is equipped with a 270 mesh filter;
		inet to the heat dissipation system,
	clean and filter the system	pipeline with deionized water to
	remove dust, welding slag	and other impurities;
	-	e of system components is above 85°C;
	Whateminar	ecommended to be equipped with a
		te to prevent the liquid from breeding
		e heat dissipation capacity of the system;
	☐ The system is equipped wi	
	I ne system is equipped wi	th a constant pressure expansion tank.
	Note: when the temperatu turned on the pressure wil	re of the coolant rises after the miner is
	turned on the pressure wil	whatsminer
Humidity	☐ Working humidity: 5%RH~	85%RH (non-condensing)
×,	☐ Storage humidity: 5%RH~9	
		ty: 30%RH~69%RH (no condensation)
		,

Remarks: The above liquid temperature and flow parameters are based on deionized water as the liquid medium. If the liquid medium uses antifreeze, the liquid temperature and flow parameters need to be calculated separately. Table 2 shows an example of 30% glycol antifreeze temperature and flow parameters.

Table2 Example of temperature and flow parameters of 30% ethylene glycol antifreeze

	☐ Working temperature (inlet): 15 °C ~4	5℃@normal mode	
	15 °C ~35 °C @high performance mode		
Temperature	☐ Inlet temperature control accura	acy ± 2°C whatsminer	
	☐ Storage and transportation tempera	ture: -40~70℃	
	Note: please empty the liquid in the eq transportation. If it is not emptied, ens the freezing point of the liquid.		
	☐ Limited Data: ≥11L/min		
Flow	☐ Flow control accuracy ± 10%		
	Remarks: The temperature difference to at this flow rate is close to 10°C @norm	•	
	mode)		

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WHATSMINER M33S+

Hydro Cooling





SPECIFICATION

	Hashrate	198~220T ± 10%			
_	Power Ratio	34J/T ± 5%			
	PSU	AC380V, 3W+ ground	, input 10kw		X
3	Size	86mm*482.6mm*650	0mm wha	tsminer	wh
_	Weight	Net weight: 27.5kg	Weight with pac	ckaging materia	als: 30kg
	Coolant demand per machine	About 1L			
	Power Cable Model	Custom made			
~5 <u>~</u>	Internet Connections	Ethernet	wha	tsminer	₩h

ENVIRONMENTAL PARAMETERS

whatsminer	what	tsminer	wh:	atsminer	V END
Liquid temperature	20 ☐ Inl	°C~40°C@high p et temperature	ure (inlet): 20°C performance mo control accuracy portation tempe	de; / ± 2°C	
	Note	: please empty t	he liquid in the e	equipment durin	g storage and
Liquid flow	☐ Lir	nited Data:≥10	L/min		
	□ Flo	ow control accu	racy \pm 10%		

Remarks: 10L/min corresponds to the temperature difference between inlet and outlet water close to 10°C@normal mode, 14°C @high performance mode

Liquid pressure	≤350kpa
	Remarks: when the pressure is more than 300kpa, the water-cooled plate will be deformed and cause the risk of coolant leakage.
<	
Liquid medium	First-level deionized water: meet the requirements of the national standard GB/T 6682-2008 first-level deionized water
	Standard GB/1 6682-2008 first-level delonized water
	Notice:
	 If the water conductivity is ≥100us/cm, the medium must be replaced;
	2) The water conductivity is less than 5us/cm when the system is
	running for the first time.
whatsminer	whatsminer whatsminer
Liquid PH	Control range: 6~8
	that is, the circulation system is equipped with a 270 mesh filter; ☐ Before connecting the cabinet to the heat dissipation system, clean and filter the system pipeline with deionized water to remove dust, welding slag and other impurities; ☐ The temperature resistance of system components is above 85 °C; ☐ The circulatory system is recommended to be equipped with a ☐ UV lamp sterilization device to prevent the liquid from breeding ☐ bacteria and attenuate the heat dissipation capacity of the system; ☐ The system is equipped with a 4bar safety relief valve; ☐ The system is equipped with a constant pressure expansion tank.
	Note: when the temperature of the coolant rises after the miner is turned on the pressure will rise.
Whatsminer Humidity	☐ Working humidity: 5%RH~85%RH (non-condensing)
	☐ Storage humidity: 5%RH~95%RH (non-condensing)
	☐ Long-term storage humidity: 30%RH~69%RH (no condensation)

Remarks: The above liquid temperature and flow parameters are based on deionized water as the liquid medium. If the liquid medium uses antifreeze, the liquid temperature and flow parameters need to be calculated separately. Table 2 shows an example of 30% glycol antifreeze temperature and flow parameters.

Table2 Example of temperature and flow parameters of 30% ethylene glycol antifreeze

		F*0.0	
	☐ Working temperature (inlet): 15 °C ~4	.5 C@normal mode	
	15℃~35℃@high performance mode		
Temperature	☐ Inlet temperature control accura	acy ± 2°C	
	☐ Storage and transportation tempera	ture: -40~70°C	
	whatsminer		
	Note: please empty the liquid in the eq transportation. If it is not emptied, ense the freezing point of the liquid.		
	☐ Limited Data:≥11L/min		
Flow	\square Flow control accuracy \pm 10%		
	5 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	Remarks: The temperature difference b	•	
	at this flow rate is close to 10°C @norma mode)	ai mode, 14 C@nigh-performance	j

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WHATSMINER M53

Hydro Cooling





1	SPECIFICATION			
	Hashrate	226~250T ± 10%	×	. —
	Power Ratio	29J/T ± 5%	whatsminer	#\$\ w
	PSU	AC380V, 3W+ ground	d, input 10kw	
	Size	86mm*482.6mm*66	3mm with handle	\times
	Weight	Net weight: 27.5kg	Weight with packaging mat	erials: 30kg
	Coolant demand per machine	About 1L	whatsminer /	/ /
	Power Cable Model	Custom made		
	Internet Connections	Ethernet		

ENVIRONMENTAL PARAMETERS

Liquid temperature		☐ Working temperature (inlet): 20 ℃ ~50 ℃ @normal mo	de
		20 C~40 C@high performance mode;	
		☐ Inlet temperature control accuracy ± 2 °C	
		☐ Storage and transportation temperature: -40~70 °C	
		Note: please empty the liquid in the equipment during transportation. If it is not emptied, ensure that the equabove the freezing point of the liquid.	
whatsminer	A.	whatsminer whatsminer	NA COM
Liquid flow		☐ Limited Data: ≥10L/min	
		\square Flow control accuracy \pm 10%	
		Remarks: 10L/min corresponds to the temperature difference inlet and outlet water close to 10 °C @normal roughigh performance mode	

Liquid pressure	≤350kpa
	Remarks: when the pressure is more than 300kpa, the water-cooled plate will be deformed and cause the risk of coolant leakage.
whatsminer	whatsminer whatsminer
Liquid medium	
Liquia mediam	First-level deionized water: meet the requirements of the national standard GB/T 6682-2008 first-level deionized water
	Notice: 1) If the water conductivity is ≥100us/cm, the medium must be replaced;
	2) The water conductivity is less than 5us/cm when the system is running for the first time.
Liquid PH	Control range: 6~8
Liquid medium circulation	☐ Anti-rust and anti-corrosion of pipeline;
system(Machine side)	☐ The particle diameter of the liquid medium is ≤53 microns,
	that is, the circulation system is equipped with a 270 mesh filter;
	 Before connecting the cabinet to the heat dissipation system, clean and filter the system pipeline with deionized water to
	remove dust, welding slag and other impurities;
	\square The temperature resistance of system components is above 85 °C;
	☐ The circulatory system is recommended to be equipped with a
	UV lamp sterilization device to prevent the liquid from breeding
	bacteria and attenuate the heat dissipation capacity of the system
	☐ The system is equipped with a 4bar safety relief valve;
	☐ The system is equipped with a constant pressure expansion tank.
	whatsminer whatsminer
	Note: when the temperature of the coolant rises after the miner is turned on the pressure will rise.
Humidity	☐ Working humidity: 5%RH~85%RH (non-condensing)
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	☐ Storage humidity: 5%RH~95%RH (non-condensing)
	☐ Long-term storage humidity: 30%RH~69%RH (no condensation)

Remarks: The above liquid temperature and flow parameters are based on deionized water as the liquid medium. If the liquid medium uses antifreeze, the liquid temperature and flow parameters need to be calculated separately. Table 2 shows an example of 30% glycol antifreeze temperature and flow parameters.

Table2 Example of temperature and flow parameters of 30% ethylene glycol antifreeze

	☐ Working temperature (inlet): 15 C ~4	5 C@normal mode	
	15 C ~ 35 C @high performance mode	o e e normat mode	
Temperature	- 3 .	2°C	
Temperature	☐ Inlet temperature control accura	acy ± 2°C	
	☐ Storage and transportation tempera	ture: -40~70°C	
	Note: please empty the liquid in the eq transportation. If it is not emptied, ense the freezing point of the liquid.		
	☐ Limited Data: ≥11L/min		
Flow	\square Flow control accuracy \pm 10%		
	Remarks: The temperature difference be at this flow rate is close to 10 °C @normarmode)		

WHATSMINER M50S

Air Cooling



SPECIFICATIO	N			
Hashrate	120~130T ± 5%	Size	430mm*155mm*22	6mm
Power Ratio	26J/T ± 5%@25° C	Weight	11.7KG	<u> </u>
Power On Wall	3120~3380W ± 10%	Internet Connections	Ethernet	
Working Temperature	-5° C ~ 35° C	Power Cable Model	IEC C19, ≥16A	
PSU Model	P221B/P222B AC220V ~	240V		
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Comp	onents
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Power Supply, Fan, Control Board, Hash Board, Case

Flashing Light Introduction

Blinking Green Light: Working normally

Green and Red Lights Alternately Flashing: Alarm status and need to find the response error code

Safety Guidelines

- 1. Please check if there is any obvious physical failure before power on, beware of electric shock
- 2. The product must be kept away from water sources and must not be operated in a humid environment
- 3. It requires professionals to carry out daily maintenance on the product
- 4. It is forbidden to directly touch the product by hand when power is on
- 5. Please use the stable voltage

Warranty Period

One year after leaving the factory

After-sales Contact Information

- 1. Email: Support@microbt.com
- 2. Telegram Group: @WhatsMiner Community

WHATSMINER M50

Air Cooling



SPECIFICATIO	N	whatsmi	wh
Hashrate	110~120T ± 5%	Size	430mm*155mm*226mm
Power Ratio	29J/T ± 5%@25° C	Weight	11.7KG
Power On Wall	3190~3480W ± 10%	Internet Connections	Ethernet
Working Temperature	-5° C ~ 35° C	Power Cable Model	IEC C19, ≥16A
PSU Model	P221B/P222B AC220V ~	240V	



Safety Guidelines





Components			Power Supply, Fan, Control Board, Hash Board, Case		

Flashing Light
Introduction
Blinking Green Light:
Working normally

Green and Red Lights Alternately Flashing: Alarm status and need to find the response error code

	Alaiiii Status	s and need to i	illu tile response e	error coue
/				

- Please check if there is any obvious physical failure before power on, beware of electric shock
 - 2. The product must be kept away from water sources and must not be operated in a humid environment
 - 3. It requires professionals to carry out daily maintenance on the product
 - 4. It is forbidden to directly touch the product by hand when power is on
 - 5. Please use the stable voltage

Warranty Period	0	ne year after leaving	the factory		
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After-sales Contact	_1.	. Email: Support@m	icrobt.com		
Information	2.	. Telegram Group: @	WhatsMiner Co	mmunity	



CONTACT US

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