



▶▶ 2024

NEW PRODUCTS  
MARSROCK



**10000W~30000W**

## Three-phase Inverter Built-in Charge Controller



### ► Product Specifications

Rated Power/Weight		10kW 180kgs	15kW/220 kgs	20kW/263kgs	30kW/320kgs
Battery	System Voltage	192V DC / 216V DC / 240V DC			
	Over Discharge	172V DC / 194V DC / 216V DC			
	Restart(Low capacity)	216V DC / 243V DC / 270V DC			
Solar	System Voltage	192V DC / 216V DC / 240V DC			
	PV Charge Current(Rated)	10KW/50A Per String	11.5KW/50A Per String	12.5KW/50A Per String	
	Max input Current	52A Per String			
	Operation Voltage Scope	260V~420V			
	PV Low Voltage	240V DC / 250V DC / 270V DC			
	PV Start Voltage	260V DC / 270V DC / 290V DC			
	PV Over Voltage	425V DC			
MPPT Controller	System Voltage	192V DC / 220V DC / 240V DC			
	Floating	220.8V DC / 248.4V DC / 276V DC			
	Average Charging	232V DC / 261V DC / 290V DC			
	Charge Model	Three stages:constant current (quick charge), constant pressure, floating			
	Battery Type	Sealed lead-acid; colloidal lead-acid; open lead-acid(customized accepted)			
	Efficiency	Solar ≤99.97%; Controller≥96.5%			
	Output Regulation Accuracy	≤±1.5%			
	Temperature	Coefficient:±0.02%/°C; Compensation:14.2V*0.3			
Protective Function	Input and output over-voltage;anti-reverse;short circuit, etc.				
Inverter	Type	Three-phase			
	Input Voltage	380VAC(323~437); 50/60Hz(Auto)			
	Output Wave	pure sine wave THD<4%(full load)			
	Output Voltage	AC220V/AC380V+2% ISteady state load			
	Efficiency	≥90%(100% resistive load)			
	Total harmonic Distortion	Linear load<3% Nonlinear load<5%			
	Dynamic load Voltage Transient	<±5%(0~100%)			
	Time	Instantaneous recovery time<10ms;Battery and mains switching time:1S-3S; Overload capacity:120%.20s;>150%.100ms			

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