



Environment Limit			I
		III	II
	Operating temperature range[°C]		
	Max. operation altitude[m]		
	Storage temperature[°C]		
	Typical noise emission[dBA]		
Mechanical Parameter	Self-consumption at night [W]		(LCD Optional)
	Warranty[Years]		
	() [mm]		
	Weight[KG]		



Single-Phase Solution



A/A3/A

199

36

BRAND FINANCE 2023 TOP 100 MOST VALUABLE TECH BRANDS



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GLOBAL R&D STRATEGY

25%

BILLION LEVEL SUPPLY CHAIN

100%

INTELLIGENT MANUFACTURING

QUALITY CONTROL

UL/CE



Single Phase Inverter		MH-HYIV3.0 -SHE	MH-HYIV3.68 -SHE	MH-HYIV3.8 -SHE	MH-HYIV4.0 -SHE	MH-HYIV4.6 -SHE	MH-HYIV5.0 -SHE	MH-HYIV5.0 -SHE-BE	MH-HYIV6.0 -SHE	MH-HYIV8.0 -SHE
PV Input	Max. PV array power[W]									
	Max. open circuit voltage[V]									
	Max. input current per string[A]									
	Max. short circuit current per string[A]									
	MPPT voltage range[V]									
	Start operating voltage[V]									
BAT Input										
	Max. charge/discharge power [W]									
	Battery voltage range [V]									
AC Grid Input	Max. charge/discharge current [A]									
AC Grid Output	Nominal AC current[A]									
	Max AC current[A]									
	Nominal grid voltage[V]									
	Nominal grid frequency[Hz]									
EPS(Off-grid) Output	Nominal AC output power[W]									
	Max. AC output power[W]									
	Max apparent power to Utility Grid [VA]									
	Nominal grid voltage[V]									
	Nominal grid frequency[Hz]									
	Max output AC current[A]									
	Nominal output AC current[A]									
Efficiency	THD[%]									
	Nominal EPS ouput apparent power [VA]									
	Nominal EPS ouput power[W]									
	Off Grid[VA]									
Efficiency	On Grid[VA]									
	Nominal voltage[V], frequency[Hz]									
	Max output current[A]									
	Nominal output current[A]									
	On Grid to Off Grid Transistion[ms]									
	THDv[%]									
Efficiency										
	MPPT efficiency[%]									
	Euro efficiency[%]									
	Max.efficiency[%]									
Efficiency	Battery charge/discharge efficiency[%]									