

SMART MICRO INVERTER



MI700-A



MI1400-A

MODEL		MI700-A	MI1400-A
DC Input	Common Module Power	435W*2 max	435W*4 max
	Peak Power MPPT Voltage Range	30~60V	
	Start-up Voltage	22V	
	Operating Voltage Range	22~60V	
	Max Input Current	14A*2	14A*4
	Short-circuit Current	16A*2	16A*4
	Max Backfeed Current To Array	0A	
	Connector	MC4	
AC Output	Rated Output Power	700W	1400W
	Nominal Output Voltage	85~160VAC @120V	
		180~265VAC @230V	
	Rated Output Current	5.9A @ 120 V	11.6A @ 120 V
		3.05A @ 230 V	6A @ 230 V
	Nominal Frequency	48~51Hz/58~61Hz @120V	
		48~51Hz/58~61Hz @230V	
	Maximum Unit Per Branch	6pcs @120V	3pcs @120V
		12pcs @230 V	6pcs @230 V
	Connector	M25 female	
Efficiency	Peak Microinverter Efficiency	92.70%	
	Nominal MPPT Efficiency	99.80%	
	CEC Weighted Efficiency	92.50%	
	Night Power Consumption	< 50 mW	
Mechanical	Ambient Temperature Range	-20 to +50 °C	
	Storage Temperature Range	-20 to +60 °C	
	Dimensions (L×W×H)	283 × 200 × 41.6 mm	370 × 300 × 41.6 mm
	Weight	1.46Kg	2.52Kg
	Waterproof	IP65	
	Cooling Method	Natural (no fans)	
Package	Singel	G.W 2.2Kg	G.W 3.62Kg
		342×240×115 mm	430×375×140 mm
	Carton Box	G.W 11.5kg (5pcs)	G.W 15.5kg (4pcs)
		440×380×260 mm	430×405×380 mm
Feature	Power Delivery Mode	Reverse transmission, load priority	
	Communication Method	WiFi	
	Surveillance System	Cloud Intelligence	
	Warranty	5 years	

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