



### 03 Technical Parameters

Model		HK1000	HK3000	
Input	Grid	Single phase	Three phase	
	Voltage	Nominal Voltage (Vac)	110/230	230/400
		Voltage Range (V)	100-240	
		Nominal AC Grid Frequency (Hz)	50/60	
	Current	CT In (A)	1CT: 120	3CTs: 120/200
Communication		WiFi or LAN, RS485		
Communication Distance (m)		WiFi: 10, LAN: 100, RS485: 1000		
Wireless Parameters	Frequency Range	2.412GHz-2.472GHz		
	Supported Standards	802.11b/g/n		
	RF Outpower (dBm)	< 20		
User Interface		3 LED, Reset button		
Accuracy	Voltage/Current	Class 1		
	Active Energy	Class 1		
	Reactive Energy	Class 2		
Power Consumption (W)		< 5		
Structural Parameters	Dimensions (W×H×D mm)	72 × 85 × 66.5		
	Housing	4 modules		
	Weight (g)	320	500	
	Mounting	DIN rail		
Environment Parameters	Ingress Protection Rating	IP20		
	Operating Temperature Range (°C)	-25 - +60		
	Storage Temperature Range (°C)	-25 - +60		
	Relative Humidity (non-condensing)	< 95%		
	Max. Operating Altitude (m)	2000		