

	PN	A5143
	PIC	
	SN location	behind the inverter
INPUT(DC)	Max Recommended PV Power(Wp)	300Wp-730Wp+
	Max DC Open Circuit Voltage(Vdc)	60
	Max DC Input Current (Adc)	20 x 2
	MPPT Tracking Accuracy	>99.5%
	MPPT TrackingRange(Vdc)	28-45
	Isc PV (absolute maximum) (Adc)	25 x 2
	Maximum Inverter Backfeed Current to the Array (Adc)	0
OUTPUT(AC)	Max AC Output Power(Wac)	800
	Nominal Power Grid Voltage (Vac)	230
	Allowable Power Grid Voltage(Vac)	configurable*
	Allowable Power Grid Frequency(Hz)	configurable*
	THD	<3%(at rated power)
	Power Factor	>0.99(at rated power)
	Rated Output Current (Aac)	2.6/3.5
	Current (inrush)(Peak and Duration)	24A, 15us
	Rated Frequency (Hz)	50
SYSTEM EFFICIENCY	Peak Efficiency	97.30%
	Night Time Tire Loss(W)	0.02
PROTECTION FUNCTIONS	Over/Under Voltage Protection	Yes
	Over/Under Frequency Protection	Yes
	Anti-Islanding Protection	Yes
	Over Current Protection	Yes
	Reverse DC Polarity Protection	Yes
	Overload Protection	Yes
	Ground Fault Detection	Integrated
	Protection Degree	IP67
	Storage Temperature	- 40 °C to + 85 °C
	Operating Temperature	- 40 °C to + 65 °C
OTHER PARAMETERS	Display	LED LIGHT
	Communications	Built-in Wi-Fi and Bluetooth
	Dimension (D-W-H mm)	263mm x 218mm x 36.5mm
	Weight(Kg)	2.8kg
	Environment Category	Indoor and outdoor
	Wet Location	Suitable
	Pollution Degree	/
	Overvoltage Category	/
CERTIFICATION&COMPLIANCE	Product Safety Compliance	IEC/EN 62109-1 IEC/EN 62109-2
	Grid Code Compliance* (Refer to the label for the detailed grid code compliance)	OVE-Richtlinie R 25:2020 VDE-AR-N 4105:2018 (below) DIN VDE V 0124-100 (VDE V 0124-100):2020