

ALL IN ONE
PLUG AND PLAY



WANT TO KNOW MORE?

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SUPERIOR
SAFETY



MODULAR
DESIGN



HIGH VOLTAGE,
MAX 800V



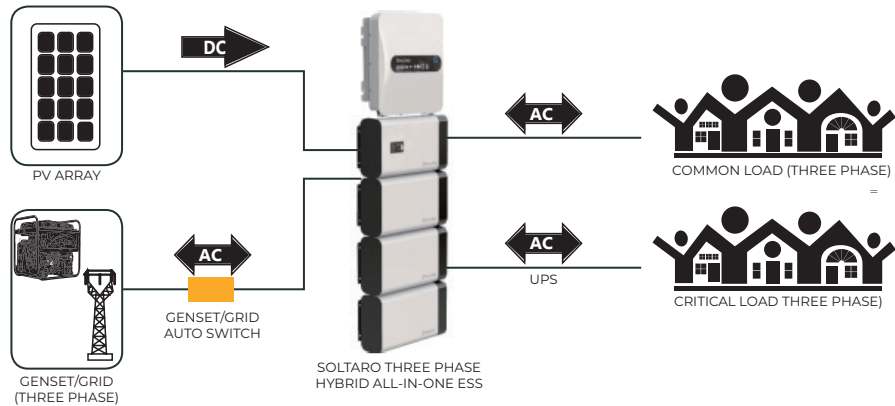
THREE PHASE
CONNECTION



ALWAYS ON,
UPS, <10ms

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PV INPUT (DC)

Max. Recommended DC Power	1300
Max. Input DC Voltage (Vdc)	1000
Nominal DC Operation Voltage (Vdc)	720
Max. Input Current (A)	20/11
Max. Short Circuit Current (A)	23/11
MPPT Voltage Range (Vdc)	330-800
Number of MPPT Trackers	2

INPUT & OUTPUT DC (BATTERY)

Battery Voltage Range (Vdc)	200-800
Recommended Battery Voltage (Vdc)	500
Max. Charging/Discharging Power (W)	12000
Max. Charging/Discharging Current (A)	25
Communication Interfaces	CAN/RS485
Reverse Connect Protection	Y

STANDARDS

Safety	IEC/EN 62109-1, IEC/EN 62109-2
EMC	IEC/EN 61000-6-2, IEC/EN 61000-6-3
Certification	VDE 0126/VDE-AR-N4105/G83-2/ AS4777.2

ENVIRONMENT UNIT

Protection Class	IP65
Operation Temperature Range (°C)	-20 - +60
Altitude (m)	<2000
Noise Emission (Typical) (dB)	<30

GENERAL INFORMATION

Dimensions (W+H+D) (mm)	535'548'188
Weight (kg)	40
Cooling Concept	Natural Cooling
Mounted Method	Wall Mounted
Topology	Transformerless

BATTERY OPTIONS

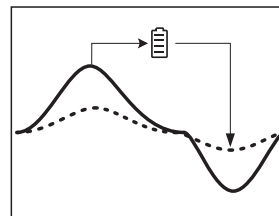
Voltage (Vdc)	230v	307V	384V	460V	537V	614V	691V
Capacity (kWh)	6.9kWh	9.2kWh	11.5kWh	13.8kWh	16.1kWh	18.4kWh	20.7kWh
Discharging Power (kW)	5.7kW	7.6kW	9.6kW	10kW	10kW	10kW	10kW

AC OUTPUT @GRID

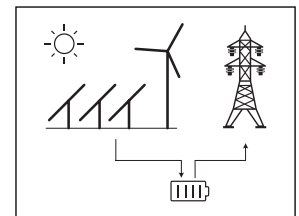
Nominal AC Power (W)	1000
Max. AC Power (W)	12000
Rated Grid Voltage (Vac)/Frequency (HZ)	400/230, 380/22, 50/60
Nominal AC Current (A)	14.5
Max. AC Current (A)	17.5
Displacement Power Factor	-0.8 -0.8
Parallel Operation	YES

AC OUTPUT @BACKUP WITH BATTERY

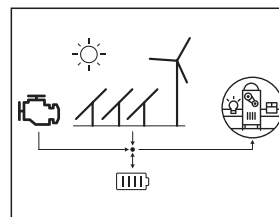
Rated Power (VA)	10000
Rated Voltage (Vac)/Frequency (HZ)	400/380, 50/60
Rated Current (A)	14.5
Peak Power (W), Duration (S)	110%@30mins, 130%@5min
UPS Switching Time (MS)	<10ms
Parallel Operation	YES, Max. 6 PCS



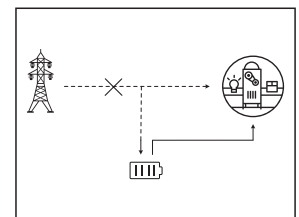
Peak Shifting/Demand Change Management



Maximum Solar Self-Consumption



Smart Micro Grid Solution



Emergency Power Back Up

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