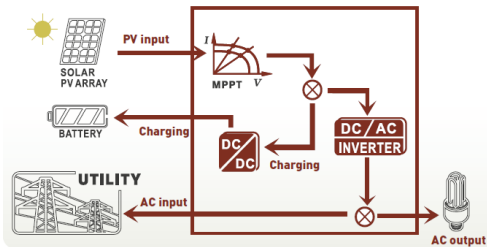


HE Hybrid 3.0

- Full functional Solar PV inverter with MPPT Tracking
- Solar power usage priority selectable
- Comprehensive information from LCD display
- With Off-grid & On-Grid & Backup
- Do first load batteries (if load is not less than generation).
- Feed the grid if batteries are full.
- Will discharge batteries if load is bigger than generation.
- Becomes a Local-Grid when no grid power. Power's load at home until the battery is empty. (Solar PV production keeps batteries charged)
- Compatible for LiFePO4 batteries charging.
- Can be programmed for various applications



		HYBRID 3.0	
GRID-TIE OPERATION	SOLAR INPUT (DC)		
	MPPT Voltage Range	Vdc	120-450
	Max DC Voltage	Vdc	500
	Max Input Current	A	13
	Number MPP Tracking		1
	GRID OUTPUT (AC)		
	Rated AC Power	Watt	3000
	Output voltage	VAC	208 / 220 / 230 / 240 Range (184-265)
	Output frequency	Hz	47,5 – 50,2 or 59,3 – 60,5
	Power factor		> 0.99
Max Efficiency DC/AC	%	>96	
European Eff @ V nom	%	> 94,5	
OFF GRID & HYBRID OPERATION	AC OUTPUT		
	Max Output Power	VA	3000
	Nom. Output Voltage	VAC	208 / 220 / 230 / 240
	Nom. Output Current	A	13,6
	Nom. Output Frequency	Hz	50 / 60 selectable
	Output waveform		Pure Sinewave
	Efficiency DC/AC	%	92
	BATTERY & CHARGER		
Nominal DC Voltage	VDC	48	
Max Charging Current	A	25	
Max Discharge Current	A	82	
GENERAL	Dimensions	mm	420 x 415 x 170
	Topology		Transformerless
	Weight	kg	15,5
	Intelligent Slot		Optional SNMP, Modbus and AS-400 cards available
	Communication Port		RS232, USB
	Protection		IP 20
	Operation Temp	°C	0 to 40
	Humidity	%RH	0 ~ 90 (Non condensing)
Certification		CE, VDE 0126-1-1, VDE-AR-N4105	
Warranty		2 Years	
Recommended Batteries: LiFePO4 Lithium Ion Standard packs (min. 2 parallel 48V / 60 Ah)			

