

Hybrid Inverter Three Phase



HERF-6K-H3 / HERF-8K-H3 / HERF-10K-H3 HERF-12K-H3 / HERF-15K-H3



IP65
Choose the place you want to install



Full power discharge



Automatic management of battery charge and discharge



It is more economical to support multiple operating modes

	HERF-6K-H3	HERF-8K-H3	HERF-10K-H3	HERF-12K-H3	HERF-15K-H3
Input (PV)					
Max. power (kW)	9	12	15	18	22.5
Max. DC voltage (V)	1,000				
MPPT voltage range (V)	180-850				
Max. Input Current of single MPPT (A)	13				
MPPT Tracker/Strings	2/1	2/1	2/1	2/1	2/1
AC Output					
Rated output power (kVA)	6	8	10	12	15
Max. Output Current (A)	9.5	12.7	15.9	19.1	23.8
Grid voltage /range (V)	400/360- 440				
Frequency (Hz)	50/60				
Power Factor	0.8 lagging- 0.8 leading				
THDi	<3%				
AC output topology	3W+N+PE				
Battery					
Battery voltage range (V)	125-600				
Max. charging voltage (V)	600				
Full battery voltage (V)	200	250	300	350	400
Rated charge/discharge current (A)	40	40	40	40	40
Battery type	Lithium/Lead-acid				
Communication interface	CAN/RS485				
EPS output					
Rated power (kVA)	6.6	8.8	11	13.2	16.5
Rated output voltage (V)	400				
Max. output current (A)	9.5	12.7	15.9	19.1	23.8
Rated frequency (Hz)	50/60				
Automatic switching time (ms)	<20				
THDu	<2%				
Overload capacity	110%, 30S/120%, 10s / 150%, 0.02S				
General data					
Battery charge/Discharge efficiency	96.4%	96.6%	96.7%	96.8%	96.8%
DC Max. efficiency	97.7%	97.9%	98.2%	98.2%	98.2%
Europe efficiency	97.0%	97.2%	97.5%	97.5%	97.5%
MPPT efficiency	99.5%	99.5%	99.5%	99.5%	99.5%
Ingress protection	IP 65				
Noise emission (dB)	<35				
Operation temperature	-25°C- 60°C				
Cooling	Natural				
Relative Humidity	0- 95% (non-condensing)				
Altitude	2,000m (>2,000 Derating)				
Dimensions W* D* H (mm)	530*200*600				
Weight (kg)	29				
Isolation transformer	NO				
Self-consumption (W)	<3				
Display and communication					
Display	LCD				
Interface: RS485/Wifi/4G/CAN/DRM	Yes / Opt / Opet / Yes / Yes				
Safety standard	IEC/EN62109-1/-2, IEC/ EN62477-1				
EMC	IEC/EN61000-6-1, IEC/ EN61000-6-3				
On-grid	Europe: EN50549-1, Germany: VDE4105/ 0124, UK: G99, South Africa: NRS097-2-1: 2017				

| Global Applications

🌐 Europe



Residential Project in Sweden 12kW



Residential Project in Germany 10kW



Residential Project in Estonia 8kW



Residential Project in Poland 10kW



Residential Project in Germany 10kW

🌐 America



Residential Project in the United State 10kW



Residential Station Project in Utah 8kW



Residential Project in the United State 6kW