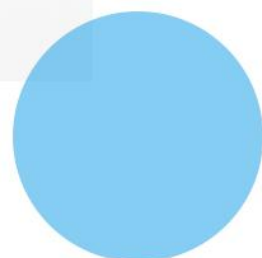


Hybrid Wechselrichter

MEH Serie





MEH Series Inverter



Heat pump ready & Battery Ready three phase inverter

Model	ME-HT6H	ME-HT8H	ME-HT10H	ME-HT12H	ME-HT15H
	Input (PV)				
Max. PV Power (kW)	9	12	15	18	22.5
Max. PV voltage (V)	1000				
MPPT voltage range (V)	180~850				
Max. input current of single MPPT (A)	13			13	
Number of MPPT Trackers	2			2	
Strings Per MPPT Tracker	1			2	
Max. short current (A)	16			25	
Start operating voltage (V)	180				
	Input (BAT)				
Compatible battery type	Lithium-iron/Lead-acid				
Battery voltage range (V)	125~600				
Max. charge current (A)	50				
Max. discharge current (A)	50				
Max. charge/discharge power (W)	6600/6600	8800/8800	11000/11000	13200/13200	16500/16500
Max. charging voltage (V)	600				
	Output (Grid)				
Rated output power (VA)	6000	8000	10000	12000	15000
Max. AC output apparent power (VA)	6600	8800	11000	13200	16500
Max. AC output current (A)	9.5	12.7	15.9	19.1	23.8
Rated AC voltage (V)	400				
AC voltage range (V)	360~440				
Rated grid frequency (Hz)	50/60				
AC output topology	3W+N+PE				
Power factor	0.8 lagging-0.8 leading				
THDI	<3%				
	Output (Back up)				
Nominal output voltage (V)	400				
Nominal output frequency (Hz)	50/60				
Nominal output power (VA)	6000	8000	10000	12000	15000
Nominal output current (A)	8.7	11.5	14.4	17.3	21.7
Transfer time (ms)	10(typ) / 20(max)				
THDu	<2%				
	Efficiency				
Battery charge /discharge efficiency	97.5%	97.5%	97.5%	97.6%	97.8%
DC Max. efficiency	97.9%	97.9%	98.2%	98.2%	98.5%
Europe efficiency	97.2%	97.2%	97.5%	97.5%	97.6%
MPPT efficiency	99.9%				
	General data				
Max. operation altitude (m)	2000 (derating above 2000m)				
Noise emission (dB)	<35				
Ingress protection degree	IP65				
Operating temperature range (°C)	-25~60				
Relative humidity (%)	0~95 (non-condensing)				
Cooling	Natural				
Dimensions (W*H*D) (mm)	530*600*200				
Weight (kg)	30	31	31	33	34
Isolation transformer	No				
Self-consumption (W)	<15				
	Protection				
DC switch	Support				
DC reverse polarity protection	Support				
Over temperature protection	Support				
Overpower protection	Support				
AC overcurrent protection	Support				
AC short circuit protection	Support				
Insulation detection	Support				
Grid phase protection	Support				
	Display and communication				
Display	LED+APP				
Communication interface	RS485, CAN, DRM/RS485 (for Meter), WiFi				
	Certification				
Grid	CEI 0-21, G98/G99, VDE4105/0124, N.C RfG, TR3.2.1, NRS097-2-1				
Safety	IEC/EN62109-1/-2				
EMC	IEC/EN 61000-6-1, IEC/EN 61000-6-3				

* Appearance and parameters are subject to adjustment without prior notice