

storage³

HIT[®] HV

5-15K

THREE PHASE HYBRID



Peak Efficiency
98.5 %



Max. DC Overload
50 %



Aluminum Alloy Die Casting



MES + FCT + CRM
Infrastructure



Easy to Install and Service



Energy Management

HYPONTECH






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EN 20241210



MODEL		HHT-5000	HHT-6000	HHT-8000	HHT-10000	HHT-12000	HHT-15000	
AC OUTPUT/INPUT								
Rated Power / W		5000	6000	8000	10000	12000	15000	
Max. Apparent Power / VA		5500	6600	8800	11000	13200	16500	
Rated Active Power from Grid / W		10000	12000	15000	15000	18000	20000	
Max. Apparent Power from Grid / VA		11000	13200	16500	16500	20000	22000	
Rated Grid Voltage / V		380/400	380/400	380/400	380/400	380/400	380/400	
Grid Connection		3L-N-PE	3L-N-PE	3L-N-PE	3L-N-PE	3L-N-PE	3L-N-PE	
Rated Grid Frequency / Hz		50/60	50/60	50/60	50/60	50/60	50/60	
Max. Output Current / A		8.5	10.0	13.5	16.0	20.0	24.0	
Max. Current From Grid / A		17.0	20.0	23.0	23.0	29.0	29.0	
Power Factor		0.8ind - 0.8cap	0.8ind - 0.8cap	0.8ind - 0.8cap	0.8ind - 0.8cap	0.8ind - 0.8cap	0.8ind - 0.8cap	
THDi @ Rated Power		<3%	<3%	<3%	<3%	<3%	<3%	
AC OUTPUT (BACK-UP)								
Rated Output Power / W		5000	6000	8000	10000	12000	12000	
Peak Apparent Output Power / VA		10000	12000	15000	15000	15000	15000	
Rated Output Voltage / V		380/400	380/400	380/400	380/400	380/400	380/400	
Rated Output Frequency / Hz		50/60	50/60	50/60	50/60	50/60	50/60	
Max. Output Current / A		8.5	10.0	13.5	16.0	20.0	20.0	
Auto Switch Time / ms		<10	<10	<10	<10	<10	<10	
THDV@Linear Load		<3%	<3%	<3%	<3%	<3%	<3%	
EFFICIENCY								
Max. Efficiency		98.0%	98.0%	98.2%	98.2%	98.2%	98.5%	
Euro Efficiency		97.3%	97.3%	97.3%	97.4%	97.4%	97.5%	
MPPT Efficiency		99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	
Charging Efficiency@ PV-> Battery		98.5%	98.5%	98.5%	98.5%	98.5%	98.5%	
Charging/Discharging Efficiency @ Battery<->Grid/Load		97.6%	97.6%	97.6%	97.6%	97.6%	97.6%	
BATTERY INPUT								
Battery Type			Li-ion	Max. Charging/Discharging Current / A			25/25	
Battery Voltage Range / V			160-800	Charging Strategy for Li-Ion Battery			Self-adaption to BMS	
PV INPUT								
Max. PV Power / W	HHT-5000	7500	Max. Input Voltage / V		1000	Max. Short Circuit Current / A	HHT-5000 - 12000	20/20
	HHT-6000	9000	MPP Voltage Range / V		150~850		HHT-15000	40/20
	HHT-8000	12000	Start Up Voltage / V		145			
	HHT-10000	15000	Rated Input Voltage / V		620			
	HHT-12000	18000	Max. Input Current / A	HHT-5000 - 12000	15/15	No. of MPPTs/	HHT-5000 - 12000	2/ (1/1)
	HHT-15000	18000		HHT-15000				