

	HR1106XS	HR1106XL	HR1110XS	HR1110XL
INPUT				
Cold Start	YES Default output frequency will be 50Hz or settable			
Acceptable Input Voltage	110VAC~288VAC			
	100% load@>176VAC			
	90% load@>154VAC			
	75% load@>132VAC			
	50% load@>110VAC			
Phase	Single phase in,single phase out			
Transfer Voltage Range	200VAC/208VAC/220VAC/230VAC/240VAC			
-Line low transfer	110VAC			
-Line low recovery	121VAC			
-Line high transfer	288VAC			
-Line high recovery	281VAC			
Input Current				
-Rating(full charging)	30A/220V	34A/220V	49A/220V	53A/220V
Input Power Factor	≥0.99			
Input current distortion	<4%			
Input Frequency Range	40~70Hz			
OUTPUT				
Frequency adaptable	Settable			
Power				
-Power	6KVA		10KVA	
-Power(kW)	6KW		10KW	
Output Voltage				
-Waveform(Bat. Mode)	Pure Sine Wave			
-Nominal voltage	220VAC/230VAC/240VAC, 200VAC/208VAC(PF=0.9)			
-Voltage regulation	± 1 %			
-Voltage distortion	≤1% THD, linear load			
	≤ 5% THD, non linear load			
Output Frequency				
-Synchronization range	±5Hz default, settable			
-Battery mode	(50±0.1) Hz default			
Transfer Time				
-Line mode to battery mode	0ms			
-Inverter to bypass	0ms			
Efficiency				
-Line mode with battery full charged	94.6% @ 100% load, 95% @60% load			
-ECO mode	98.0%			
Noise(1m away)	<58dB			
Overload Capability(Inverter)	105% to 110% : Transfer to bypass after 10 mins.			
	111% to 125% : Transfer to bypass after 1 mins.			
	126% to 150%: Transfer to bypass after 30s			
Overload Capability (Bypass Mode)	less than 125%: long time running			
	126% to 130% :Shutdown in 5 mins			
	131% to 150% :Shutdown in 1 mins			
	> 150% :Shutdown in 200 ms			
Crest Ratio	3:1			
BATTERY				
Rating/Type	12VDC/7Ah	Depend on the capacity of external batteries	12VDC/9Ah	Depend on the capacity of external batteries
Quantity	16PCS	16-20PCS settable	16PCS	16-20PCS settable
DC Voltage	192VDC default, settable			
Back-up Time	3mins @5kW	Depend on the capacity of external batteries	2mins @8kW	Depend on the capacity of external batteries
Charger				
-Charging current (max)	1A, settable	5A max,settable	1A,settable	5A max,settable
-Float Charging Voltage	2.25V/cell default, settable via software			
-Boost Charging Voltage	2.25V/cell default, settable via software			
-Charging time	8h recharge to 90%	Depend on the capacity of external batteries	8h recharge to 90%	Depend on the capacity of external batteries
Leakage current	<3mA			
Indicator & Alarm				
-Display	LED+LCD			
Interface				

-Smart RS232	Standard Cable support INVT Power Monitor Software			
-EPO	NC			
-RS485(option)	Installed in the intelligent slot			
-SNMP(option)	Power Managment from SNMP Manager and Web Browser			
Option				
-Intelligent Kits	DB9 port, dry contact			
-parallel	4 units paralleled			
-Super charger (12A)	digitally controlled, 4-steps charge, settable, @PF0.9			
-USB	B-type USB port			
-SNMP Kits	Pluggable type			
Mechanical				
-W×D×H (mm)	440*660*172	440*550*86	440*660*172	440*550*86
-Net Weight (KG)	58	16	62	18
-Package Weight (KG)	63	18	68	21
-Rack / Tower	Rack/Tower			
Color	Black default			

<b>FUNCTION</b>	Compatible with half wave load
	Bypass input breaker
	ECO mode
	Battery cabinet
	Self aging
	Digital Charger
	Remained Battery Capacity
	Optional 12A charger (PF will be de rated to 0.9)