



RHDC 1/2/3KW

Low frequency inverter



Sine Wave Output



Triple peak power



Compatible with Gel, AGM, Flooded, Sealed lead acid and Lithium battery



Comprehensive protection

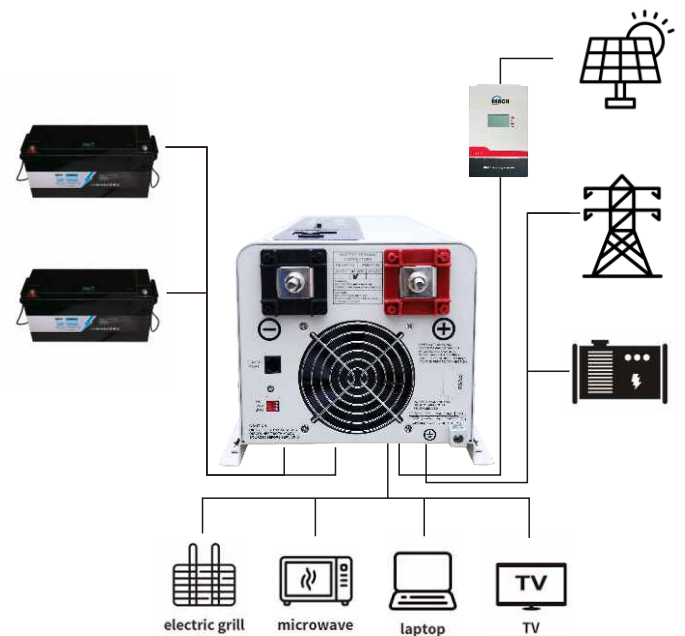


Fan cooling, quiet operation



Comfortable installation and commissioning

RoHS **FCC** **CE**



	RHDC1K	RHDC1.5K	RHDC2K	RHDC3K
Inverter Output				
Continuous Output Power	1000W	1500W	2000W	3000W
Surge Rating(20s)	3000W	4500W	6000W	9000W
Output Waveform	Pure Sine wave/Same as input(Bypass mode)			
Nominal Efficiency	>88%(Peak)			
Line Mode Efficiency	>95%			
Power Factor	0.9-1.0			
Nominal Output Voltage	100-110-120Vac / 220-230-240Vac			
THD	< 10%			
DC Input				
Nominal Input Voltage	12Vdc, 24Vdc, 48Vdc			
Minimum Start Voltage	10.0Vdc			
Idle Consumption-Search Mode	< 25 W when Power Saver On			
Charger				
Input Voltage Range	Wide: 90~135VAC / 164~243VAC; Narrow: 100~135VAC / 194~243VAC;			
Output Voltage	Depends on battery type			
Max Charge Rate	35A / 70-90A Max (Charger Current Control)			
Remote Control	Yes. Optional			
Bypass & Protection				
Input Voltage Waveform	Sine wave (Grid or Generator)			
Nominal Voltage	120Vac		230Vac	
Low Voltage Trip	80V/90V±4%		184V/194V±4%	
High Voltage Trip	140V±4%		253V±4%	
Max Input AC Voltage	150VAC		270VAC	
Nominal Input Frequency	50Hz or 60Hz (Auto detect)			
Mechanical Specification				
Mounting	Wall mount			
Inverter Dimensions(L*W*H)	382*218*179mm		442*218*179mm	
Inverter Weight	16KG	17KG	20KG	24KG
Shipping Dimensions(L*W*H)	520*315*300mm		580*315*300mm	
Shipping Weight	18KG	19KG	22KG	26KG
Display	Status LEDs / Status LEDs+LCD			