



RHDC 4/5/6KW

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

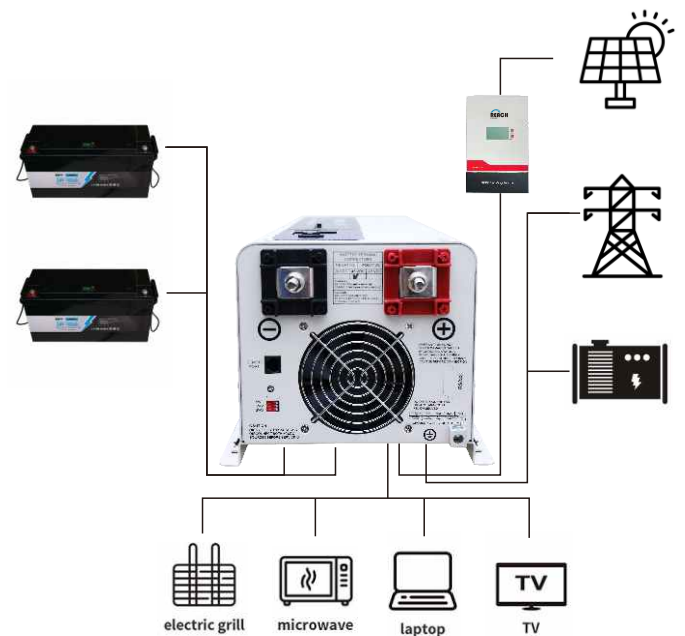


Comfortable installation and commissioning

RoHS

FCC

CE



	RHDC4K	RHDC5K	RHDC6K	RHDC8K	IHDC9K	RHDC10K	RHDC12K
Inverter Output							
Continuous Output Power	4000W	5000W	6000W	8000W	9000W	10000W	12000W
Surge Rating(20s)	12000W	15000W	18000W	24000W	27000W	30000W	36000W
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	24Vdc, 48Vdc			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)	598*218*179mm			700*350*260mm			
Inverter Weight	33KG	35KG	37KG	73KG	73KG	87KG	93KG
Shipping Dimensions(L*W*H)	760*320*305mm			820*290*430mm			
Shipping Weight	35KG	37KG	39KG	75KG	75KG	89KG	95KG
Display	Status LEDs / Status LEDs+LCD						