

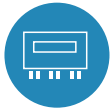


RMHDC 4/5/6KW

Low frequency inverter with mppt



Multi-stage charging optimizes battery performance



MPPT efficiency >99.5%,
Peak conversion efficiency 97.5%



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



Comprehensive protection



Fan cooling, quiet operation

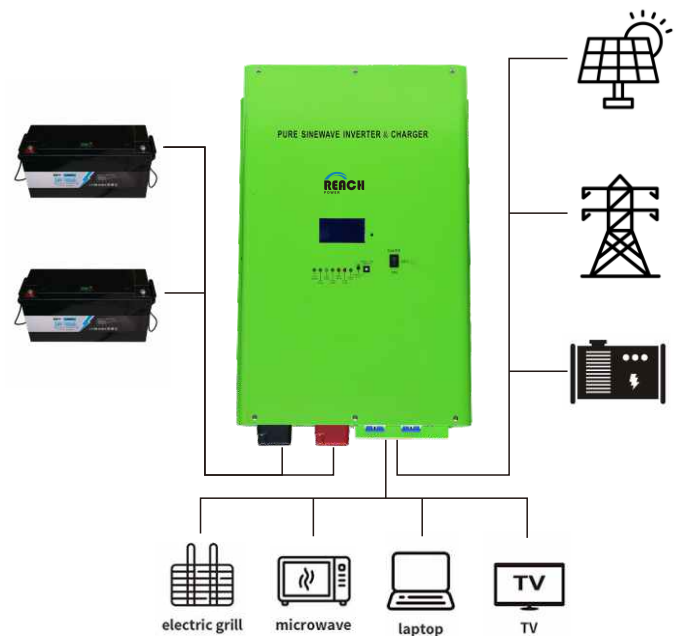


Comfortable installation
and commissioning

RoHS

FCC

CE



	RMHDC4K	RMHDC5K	RMHDC6K
Inverter Output			
Continuous Output Power	4000W	5000W	6000W
Surge Rating(20s)	12000W	15000W	18000W
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	24Vdc, 48Vdc	
Minimum Start Voltage	10.0Vdc		
Idle Consumption-Search Mode	< 25 W when Power Saver On		
Solar charger (MPPT 3KW)			
Nominal System Voltage	12V 24V 48V		
Max. Battery Current	60A		
PV input Voltage range	30-150Vdc		
Max.Input Power	12V--800W 24V--1600W 48V--3200W		
Charger			
Input Voltage Range	Wide: 90~135VAC / 164~243VAC; Narnaw: 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)	600*190*415mm		
Inverter Weight	38KG	48KG	49KG
Shipping Dimensions(L*W*H)	730*510*270mm		
Shipping Weight	40KG	50KG	51KG
Display	Status LEDs / Status LEDs+LCD		