



RMHDC 8/10/12KW

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

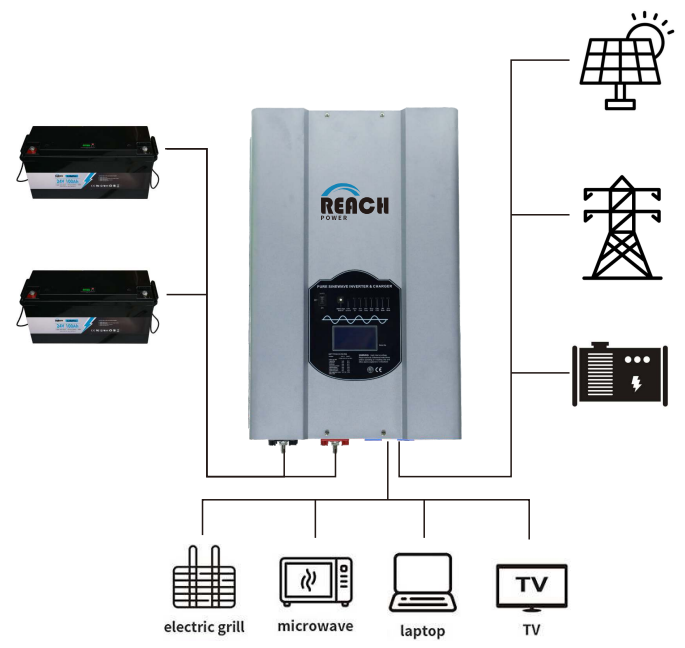


Fan cooling, quiet operation



Comfortable installation and commissioning

RoHS FCC CE



	RMHDC8K	RMHDC9K	RMHDC10K	RMHDC12K
Inverter Output				
Continuous Output Power	8000W	9000W	10000W	12000W
Surge Rating(20s)	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	48Vdc			
Minimum Start Voltage	10.0Vdc			
Idle Consumption-Search Mode	< 25 W when Power Saver On			
Solar charger (MPPT 3KW)				
Nominal System Voltage	48V			
Max. Battery Current	60A			
PV input Voltage range	30-150Vdc			
Max.Input Power	48V--3200W			
Charger				
Input Voltage Range	Wide: 90~135VAC / 164~243VAC; Narraw: 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)	750*460*280mm			
Inverter Weight	79KG			
Shipping Dimensions(L*W*H)	750*460*280mm			
Shipping Weight	81KG			
Display	Status LEDs / Status LEDs+LCD			