

AT Hand Crank Generators

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PLEASE NOTE:

1. All Hand Crank Generators have overvoltage and overcurrent protection.
2. All Hand Crank Generators are water proof

3. The ambient operating temperature for Hand Crank Generators is between -45°C and 51°C.
4. The AT HCG10 Hand Crank Generator has two voltage outputs 32V and 15.7V. These are compatible with charging batteries like BB590 and BB390 etc.
5. The outer dimensions for the Hand Crank Generator units is 139*93*90mm (these dimensions exclude the dual crank handles)
6. The AT HCG1 has only one handle
7. Each package contains the Main Generator with folding handles, one Cable with connectors, User Manual, Canvas Carry Bag and one Fold out bench
8. Options include Tree Clamp, Tri-Pod and Bicycle support.



Model No	Name	Supply Type	Main Technical Specifications						Weight	
			Voltage	Current	Power	Cranking Speed	Ripple Voltage	Voltage Regulation	Generator	Benc
			V	A	W	r/min	≤mV	%	kg	
AT HCGX	3 Watt Hand Crank Generator	charge	8.5+/-1	0.4	3	75~85		10	0.275	
AT HCG0	5 Watt Hand Crank Generator	charge	8.5+/-0.5	0.6	5	75~85		10	0.93	

AT HCG1	10 Watt Hand Crank Generator	charge	15.8 +/-1	0,65	10	75~85	--	10	0,93	--
AT HCG2	20 Watt Hand Crank Generator	charge	16.8 +/-0.5	1.2	20	75~85	--	10	0.7	
AT HCG3	30 Watt Hand Crank Generator	supply	12.5 +/-0.5	2,5	30	50~65	18	10	3,5	3,1
		charge	15 +/-1	1~2	50	50~65				
AT HCG4	40 Watt Hand Crank Generator	supply	14 +/-0.5	2,5	40	70~85	18	10	3,5	3,1
		charge	15 +/-1	1~2.5	--	65~75	--	--		
AT HCG5	40 Watt Hand Crank Generator	supply	12 +/-0.5	4	40	65~75	18	10	3,5	3,1
		charge	14 +/-1	1~2.5	--	60~75	--	--		
AT HCG6	50 Watt Hand Crank Generator	charge	18+/-0.5	3	50	60~75	18	10	3,5	3,1
AT HCG7	65 Watt Hand Crank Generator	supply	12 +/-0.5	4	65	50~65	18	10	3,5	3,1
		charge	14 +/-1	2,5	--	50~65	--	--		
AT HCG8	65 Watt Hand Crank Generator	A supply	24 +/-1	2,8	65	50~65	24	10	3,5	
		B charge	28 +/-1	2,5	--	50~65	--	--		
AT HCG9	65 Watt Hand Crank Generator	supply	24 +/-1	2,8	65	50~65	24	10	3,5	3,1
		charge	28 +/-1	2,5	--	50~65	--	--		
AT HCG10	65 Watt Hand Crank Generator	charge 1	32 +/-0.5	2	65	75~85		10	3,5	3,1
		charge 2	15.7 +/-0.5	4	--	60~75	--	--		



AT Military Hand Crank Generator