





## 产品目录 CONTENTS




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	<p>Model NO: HCT-S001A</p>
	<p>Product name: Solar lawn lamp</p> <p>Model NO: HCT-S001A                  Height: 70 cm                  Diameter: 20 cm                  Solar Panel: Single or multi-crystalline silicon                  Luminous lamp: Ultra-bright LED                  LED Color: Yellow/white/blue/green/red                  Operating time: ≥8hours                  Material: Plastic</p>
	<p>Model NO: HCT-S001B</p>
	<p>Product name: Solar lawn lamp</p> <p>Model NO: HCT-S001B                  Height: 37 cm                  Diameter: 20 cm                  Solar Panel: Single or multi-crystalline silicon                  Luminous lamp: Ultra-bright LED                  LED Color: Yellow/white/blue/green/red                  Operating time: ≥8hours                  Material: Plastic</p>
	<p>Model NO: HCT-S001C</p>
	<p>Product name: Solar lawn lamp</p> <p>Model NO: HCT-S001C                  Height: 35 cm                  Diameter: 20 cm                  Solar Panel: Single or multi-crystalline silicon                  Luminous lamp: Ultra-bright LED                  LED Color: Yellow/white/blue/green/red                  Operating time: ≥8hours                  Material: Plastic</p>




	<p>Model NO: HCT-S002A</p>
	<p>Product name: Solar lawn lamp</p> <p>Model NO: HCT-S002A</p> <p>Height: 70 cm</p> <p>Diameter: 16 cm</p> <p>Solar Panel: Single or multi-crystalline silicon</p> <p>Luminous lamp: Ultra-bright LED</p> <p>LED Color: Yellow/white/blue/green/red</p> <p>Operating time: <math>\geq 8</math>hours</p> <p>Material: Plastic</p>
	<p>Model NO: HCT-S002B</p>
	<p>Product name: Solar lawn lamp</p> <p>Model NO: HCT-S002B</p> <p>Height: 34 cm</p> <p>Diameter: 16 cm</p> <p>Solar Panel: Single or multi-crystalline silicon</p> <p>Luminous lamp: Ultra-bright LED</p> <p>LED Color: Yellow/white/blue/green/red</p> <p>Operating time: <math>\geq 8</math>hours</p> <p>Material: Plastic</p>
	<p>Model NO: HCT-S002C</p>
	<p>Product name: Solar lawn lamp</p> <p>Model NO: HCT-S002C</p> <p>Height: 32 cm</p> <p>Diameter: 16 cm</p> <p>Solar Panel: Single or multi-crystalline silicon</p> <p>Luminous lamp: Ultra-bright LED</p> <p>LED Color: Yellow/white/blue/green/red</p> <p>Operating time: <math>\geq 8</math>hours</p> <p>Material: Plastic</p>




	<p>Model NO: HCT-S003A</p> <p>Product name: Solar lawn lamp</p> <p>Model NO: HCT-S003A                  Height: 60 cm                  Diameter: 16 cm                  Solar Panel: Single or multi-crystalline silicon                  Luminous lamp: Ultra-bright LED                  LED Color: Yellow/white/blue/green/red                  Operating time: ≥8hours                  Material: Plastic</p>
	<p>Model NO: HCT-S003B</p> <p>Product name: Solar lawn lamp</p> <p>Model NO: HCT-S003B                  Height: 32 cm                  Diameter: 16 cm                  Solar Panel: Single or multi-crystalline silicon                  Luminous lamp: Ultra-bright LED                  LED Color: Yellow/white/blue/green/red                  Operating time: ≥8hours                  Material: Plastic</p>
	<p>Model NO: HCT-S003C</p> <p>Product name: Solar lawn lamp</p> <p>Model NO: HCT-S003C                  Height: 28 cm                  Diameter: 16 cm                  Solar Panel: Single or multi-crystalline silicon                  Luminous lamp: Ultra-bright LED                  LED Color: Yellow/white/blue/green/red                  Operating time: ≥8hours                  Material: Plastic</p>



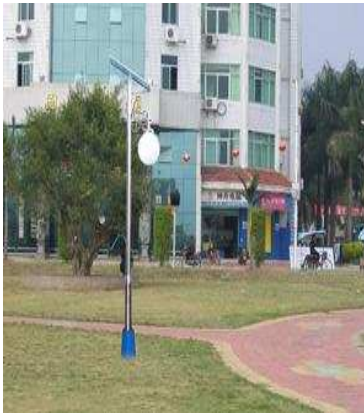
	<p>Model NO: HCT-S004A</p> <p>Product name: Solar lawn lamp</p> <p>Model NO: HCT-S004A                  Height: 60 cm                  Diameter: 15 cm                  Solar Panel: Single or multi-crystalline silicon                  Luminous lamp: Ultra-bright LED                  LED Color: Yellow/white/blue/green/red                  Operating time: ≥8hours                  Material: Plastic</p>
	<p>Model NO: HCT-S004B</p> <p>Product name: Solar lawn lamp</p> <p>Model NO: HCT-S004B                  Height: 30 cm                  Diameter: 15 cm                  Solar Panel: Single or multi-crystalline silicon                  Luminous lamp: Ultra-bright LED                  LED Color: Yellow/white/blue/green/red                  Operating time: ≥8hours                  Material: Plastic</p>
	<p>Model NO: HCT-S004C</p> <p>Product name: Solar lawn lamp</p> <p>Model NO: HCT-S004C                  Height: 25 cm                  Diameter: 15 cm                  Solar Panel: Single or multi-crystalline silicon                  Luminous lamp: Ultra-bright LED                  LED Color: Yellow/white/blue/green/red                  Operating time: ≥8hours                  Material: Plastic</p>




	<p>Model NO: HCT-T001</p> <p>Product name: Solar energy yard lamp</p> <p>Model NO: HCT-T001Solar cell30Wp                  Height: 3.5 m                  Solar cell: 30 Wp                  Battery: 12V/65 AH                  Control: Solar energy Rare Earth Energy                  Light Source: 12V /3W×3 or LED lamps.                  Work: About6~8 hours/days, continuous 5~7 raining day, When different sunshine count there is difference in region.</p>
	<p>Model NO: HCT-T002</p> <p>Product name: Solar energy yard lamp</p> <p>Model NO: HCT-T002                  Height: 3.5 m                  Solar cell: 20 Wp                  Battery: 12V/26 AH                  Control: Solar energy Rare Earth Energy                  Light Source: 12V /3W×3 or LED lamps.                  Work: About6~8 hours/days, continuous 5~7 raining day, When different sunshine count there is difference in region.</p>
	<p>Model NO: HCT-T003</p> <p>Product name: Solar energy yard lamp</p> <p>Model NO: HCT-T003                  Height: 2.5 m                  Solar cell: 20 Wp                  Battery: 12V/40 AH                  Control: Solar energy Rare Earth Energy                  Light Source: 12V /3W×3 or LED lamps.                  Work: About6~8 hours/days, continuous 5~7 raining day, When different sunshine count there is difference in region.</p>

	<p>Model NO: HCT-T004</p> <p>Product name: Solar energy yard lamp</p> <p>Model NO: HCT-T004                  Height: 3.5 m                  Solar cell: 20 Wp                  Battery: 12V/40 AH                  Control: Solar energy Rare Earth Energy                  Light Source: 12V /3W×3 or LED lamps.                  Work: About6~8 hours/days, continuous 5~7 raining day, When different sunshine count there is difference in region.</p>
	<p>Model NO: HCT-T005</p> <p>Product name: Solar energy yard lamp</p> <p>Model NO: HCT-T005                  Height: 2.5 m                  Solar cell: 20 Wp                  Battery: 12V/40 AH                  Control: Solar energy Rare Earth Energy                  Light Source: 12V /3W×3 or LED lamps.                  Work: About6~8 hours/days, continuous 5~7 raining day, When different sunshine count there is difference in region.</p>
	<p>Model NO: HCT-T006</p> <p>Product name: Solar energy yard lamp</p> <p>Model NO: HCT-T006                  Height: 3.5 m                  Solar cell: 20 Wp                  Battery: 12V/40 AH                  Control: Solar energy Rare Earth Energy                  Light Source: 12V /3W×3 or LED lamps.                  Work: About6~8 hours/days, continuous 5~7 raining day, When different sunshine count there is difference in region.</p>

	<p>Model NO: HCT-T007</p> <p>Product name: Solar energy yard lamp</p> <p>Model NO: HCT-T007                  Height: 2.5 m                  Solar cell: 20 Wp                  Battery: 12V/40 AH                  Control: Solar energy Rare Earth Energy                  Light Source: 12V /3W×3 or LED lamps.                  Work: About6~8 hours/days, continuous 5~7 raining day, When different sunshine count there is difference in region.</p>
	<p>Model NO: HCT-T008</p> <p>Product name: Solar energy yard lamp</p> <p>Model NO: HCT-T008                  Height: 3.5m                  Solar cell: 20 Wp                  Battery: 12V/40 AH                  Control: Solar energy Rare Earth Energy                  Light Source: 12V /3W×3 or LED lamps.                  Work: About6~8 hours/days, continuous 5~7 raining day, When different sunshine count there is difference in region.</p>
	<p>Model NO: HCT-T009</p> <p>Product name: Solar energy yard lamp</p> <p>Model NO: HCT-T009                  Height: 3.5m                  Solar cell: 20 Wp                  Battery: 12V/40 AH                  Control: Solar energy Rare Earth Energy                  Light Source: 12V /3W×3 or LED lamps.                  Work: About6~8 hours/days, continuous 5~7 raining day, When different sunshine count there is difference in region.</p>

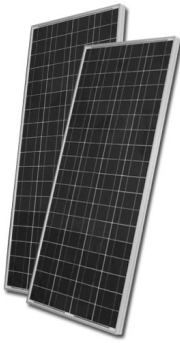

	<p>Model NO: HCT-T010</p> <p>Product name: Solar energy yard lamp</p> <p>Model NO: HCT-T010                  Height: 3.5m                  Solar cell: 20 Wp                  Battery: 12V/40 AH                  Control: Solar energy Rare Earth Energy                  Light Source: 12V /3W×3 or LED lamps.                  Work: About6~8 hours/days, continuous 5~7 raining day, When different sunshine count there is difference in region.</p>
	<p>Model NO: HCT-T011</p> <p>Product name: Solar energy yard lamp</p> <p>Model NO: HCT-T011                  Height: 3.5m                  Solar cell: 30 Wp                  Battery: 12V/65 AH                  Control: Solar energy Rare Earth Energy                  Light Source: 12V /3W×3 or LED lamps.                  Work: About6~8 hours/days, continuous 5~7 raining day, When different sunshine count there is difference in region.</p>
	<p>Model NO: HCT-T012</p> <p>Product name: Solar energy yard lamp</p> <p>Model NO: HCT-T012                  Height: 2.5m                  Solar cell: 20 Wp                  Battery: 12V/40 AH                  Control: Solar energy Rare Earth Energy                  Light Source: 12V /3W×3 or LED lamps.                  Work: About6~8 hours/days, continuous 5~7 raining day, When different sunshine count there is difference in region.</p>

	<p>Model NO: HCT-T013</p> <hr/> <p>Product name: Solar energy yard lamp</p> <hr/> <p>Model NO: HCT-T013                  Height: 2.5m                  Solar cell: 20 Wp                  Battery: 12V/40 AH                  Control: Solar energy Rare Earth Energy                  Light Source: 12V /3W×3 or LED lamps.                  Work: About6~8 hours/days, continuous 5~7 raining day, When different sunshine count there is difference in region.</p>
	<p>Model NO: HCT-T014</p> <hr/> <p>Product name: Solar energy yard lamp</p> <hr/> <p>Model NO: HCT-T014                  Height: 3.5m                  Solar cell: 80 Wp                  Battery: 12V/100 AH                  Control: Solar energy Rare Earth Energy                  Light Source: 12V /3W×3 or LED lamps.                  Work: About6~8 hours/days, continuous 5~7 raining day, When different sunshine count there is difference in region.</p>
	<p>Model NO: HCT-T015</p> <hr/> <p>Product name: Solar energy yard lamp</p> <hr/> <p>Model NO: HCT-T015                  Height: 3.5m                  Solar cell: 40 Wp                  Battery: 12V/65 AH                  Control: Solar energy Rare Earth Energy                  Light Source: 12V /3W×3 or LED lamps.                  Work: About6~8 hours/days, continuous 5~7 raining day, When different sunshine count there is difference in region.</p>

	<p>Model NO: HCT-T016</p> <p>Product name: Solar energy yard lamp</p> <p>Model NO: HCT-T016</p> <p>Height: 3.5m</p> <p>Solar cell: 80 Wp</p> <p>Battery: 12V/100 AH</p> <p>Control: Solar energy Rare Earth Energy</p> <p>Light Source: 12V /3W×3 or LED lamps.</p> <p>Work: About6~8 hours/days, continuous 5~7 raining day, When different sunshine count there is difference in region.</p>
	<p>Model NO: HCT-T017</p> <p>Product name: Solar energy yard lamp</p> <p>Model NO: HCT-T017</p> <p>Height: 3.5m</p> <p>Solar cell: 20 Wp</p> <p>Battery: 12V/40 AH</p> <p>Control: Solar energy Rare Earth Energy</p> <p>Light Source: 12V /3W×3 or LED lamps.</p> <p>Work: About6~8 hours/days, continuous 5~7 raining day, When different sunshine count there is difference in region.</p>
	<p>Model NO: HCT-T018</p> <p>Product name: Solar energy yard lamp</p> <p>Model NO: HCT-T018</p> <p>Height: 3.5m</p> <p>Solar cell: 20 Wp</p> <p>Battery: 12V/40 AH</p> <p>Control: Solar energy Rare Earth Energy</p> <p>Light Source: 12V /3W×3 or LED lamps.</p> <p>Work: About6~8 hours/days, continuous 5~7 raining day, When different sunshine count there is difference in region.</p>

	<p>Model NO: HCT-D01</p> <p>Product name: Solar energy Street lamp</p> <p>Height: 5 m                  Solar cell: 80 Wp                  Battery: 12V/100 AH                  Control: Solar energy digital micro-computer Programmable controller                  Light Source: 12V /10W×2 or LED lamps.                  Work: About6~8 hours/days, continuous 5~7 raining day, When different sunshine count there is difference in region.</p>
	<p>Model NO: HCT-D02</p> <p>Product name: Solar energy Street lamp</p> <p>Height: 6 m                  Solar cell: 60 Wp                  Battery: 12V/65 AH                  Control: Solar energy digital micro-computer Programmable controller                  Light Source: 12V /15W or LED lamps.                  Work: About6~8 hours/days, continuous 5~7 raining day, When different sunshine count there is difference in region.</p>
	<p>Model NO: HCT-D03</p> <p>Product name: Solar energy Street lamp</p> <p>Height: 6 m                  Solar cell: 80 Wp                  Battery: 12V/100 AH                  Control: Solar energy digital micro-computer Programmable controller                  Light Source: 12V /10W×2 or LED lamps.                  Work: About6~8 hours/days, continuous 5~7 raining day, When different sunshine count there is difference in region.</p>

	Model NO: HCT-D04
	Product name: Solar energy Street lamp
	Model NO: HCT-D05
	Product name: Solar energy Street lamp
	Height: 5 m
	Solar cell: 60 Wp
	Battery: 12V/65 AH
	Control: Solar energy digital micro-computer Programmable controller
	Light Source: 12V /7W×2 or LED lamps.
	Work: About6~8 hours/days, continuous 5~7 raining day, When different sunshine count there is difference in region.
	Height: 5 m
	Solar cell: 80 Wp
	Battery: 12V/100 AH
	Control: Solar energy digital micro-computer Programmable controller
	Light Source: 12V /20W or LED lamps.
	Work: About6~8 hours/days, continuous 5~7 raining day, When different sunshine count there is difference in region.

	Model NO: Solar cell components
	Product name: Solar cell components
	See Schedule 1
	Model NO: HCT-24V/50A
	Product name: Solar energy charge and discharge controller
	<p>Solar controller mainly used for charging and discharging battery charge control, discharge, a protective effect on the battery, effectively extending battery life.</p> <p>Unit features:</p> <ol style="list-style-type: none"><li>1. the control circuit board components using high-quality devices, high temperatures not offset voltage protection;</li><li>2. the installation of simple, easy, simple wiring.</li></ol>

## Schedule 1:

HCT-M Solar Module Series technical parameters Table

Model (HCT-M) parameter		M 10	M 20	M 30	M 40	M 50	M 60	M 75	M 100	M 120	M 130
		elec properties	$W_p(W)$ Peak power	10	20	30	40	50	60	75	100
$V_{pm}(V)$ Max Power Point voltage	17±0.5V										
$I_{pm}(A)$ Current max power point	0.59		1.18	1.77	2.36	2.95	3.53	4.42	5.89	7.06	7.65
$I_{sc}(A)$ Short-circuit current	0.66		1.32	1.97	2.63	3.28	3.93	4.92	6.55	7.85	8.51
$V_{oc}(V)$ Open-circuit voltage	21.5±0.5V										
mechanical properties	Wind Strength		60m/s(200Kg/m <sup>2</sup> )								
	compression strength	Ball Test (6 cm diameter of the ball from 15 cm high impact components fell surface)									
size	Weight (Kg)	1.5	2.5	3.8	4.7	5.5	7	9	12	12	12.5
	Length (mm)	343	553	649	651	690	816	1200	1400	1400	1425
	Width (mm)	289	343	438	564	651	651	538	651	651	651
	Thickness (mm)	23			25			40			
remarks	Component Dimensions different times may change, without notice, to orders, whichever is power components, the actual size can be customized application requirements.										