

## Crystalline Silicon PV Modules



- High efficiency PV module using multi-crystalline solar cell
- Bypass diode is attached to minimize power reduction caused by shade.
- Using optical low iron tempered glass, EVA resin, module with aluminum frame for outdoor use.
- Compliant with the requirements of IEC 61215

### Applications

- Light equipment
- Telecommunications
- Battery charging
- Traffic signs
- Signaling
- Cathodic protection

MODEL	NOMINAL VOLTAGE	MAXIMUM POWER (Pmax)	OPEN CIRCUIT VOLTAGE (V <sub>OC</sub> )	SHORT CIRCUIT CURRENT (I <sub>SC</sub> )	VOLTAGE AT MAXIMUM POWER (V <sub>PM</sub> )	CURRENT AT MAXIMUM POWER (I <sub>PM</sub> )	DIMENSIONS (W x H x D) (mm.)	WEIGHT (kg.)
LCS-01506	6	1.5 W	10.9 V	0.19 A	8.6 V	0.18 A	98 x 234 x 17	0.3
LCS-02512	12	2.5 W	21.7 V	0.16 A	17.3 V	0.14 A	155 x 234 x 17	0.45
LCS-05012	12	5 W	21.7 V	0.32 A	17.3 V	0.29 A	238 x 244 x 17	0.73
LCS-08012	12	8 W	21.7 V	0.54 A	17.3 V	0.48 A	238 x 367x 33	1.2
LCS-10012	12	10 W	21.7 V	0.64 A	17.3 V	0.58 A	248 x 440 x 33	1.5
LCS-15012	12	15 W	21.96 V	0.90 A	18.2 V	0.80 A	419 x 342 x 33	2.0
LCS-20012	12	20 W	21.7 V	1.2 A	17.3 V	1.2 A	282 x 621x 33	2.5
LCS-25012	12	25 W	21.7 V	1.61 A	17.3 V	1.45 A	444 x 522 x 33	2.9

Note : The test conditions (STC) 1 kW/m<sup>2</sup>, 25°C, AM 1.5. Above specification are subject to change without prior notice.