

## Limited Warranty of Solar PV Modules

In order to safeguard the interests of customers and CECEP SOLAR Energy Technology (ZhenJiang) Co., Ltd. (hereinafter referred to as “CECEP SOLAR”), and maintain a good cooperative relationship between customers and CECEP SOLAR, CECEP SOLAR hereby makes the warranty commitment for the following series of PV modules:

Category		Single-glass Module	Double-glass Module
Monocrystalline	166	CEC6-72-xxxMH/MHV (350~460)	CEC6-72-xxxMDHV (380~465)
		CEC6-60-xxxMH/MHV (295~385)	CEC6-60-xxxMDHV (320~385)
			CEC6-48-xxxMDHV (255~310)
			CEC6-36-xxxMDHV (190~235)
	182	CEC6-72-xxxMH/MHV (530~550)	CEC6-72-xxxMDHV (520~550)
		CEC6-66-xxxMH/MHV (490~500)	CEC6-66-xxxMDHV (485~500)
		CEC6-60-xxxMH/MHV (445~455)	CEC6-60-xxxMDHV (440~455)
		CEC6-54-xxxMH/MHV (400~410)	CEC6-54-xxxMDHV (395~410)
	210	CEC6-66E-xxxM/MV (635-665)	CEC6-66E-xxxMDV (640-670)
CEC6-60E-xxxM/MV (580-600)		CEC6-60E-xxxMDV (585-605)	
CEC6-55E-xxxM/MV (530-550)		CEC6-55E-xxxMDV (535-555)	
CEC6-50S-xxxM/MV (485-510)		CEC6-50S-xxxMDV (490-510)	
Polycrystalline	166	CEC6-72-xxxPH/PHV (335~415)	CEC6-72-xxxPDHV (405)
		CEC6-60-xxxPH/PHV (280~345)	CEC6-60-xxxPDHV (335)
		CEC6-78-xxxPH/PHV (430-450)	CEC6-48-xxxPDHV (270)
			CEC6-36-xxxPDHV (205)

### I. Limited Warranty of Solar PV Modules - Twelve Years of Repair, Replacement and Refund

CECEP SOLAR guarantees the PV modules (including DC connectors and cables) it produces are free of the serious appearance defects and appearance defects of abnormal power defined in IEC61215, IEC61730 and UL1703 due to materials and processes under the normal use and installation conditions. If the PV modules have serious appearance defects and appearance defects of abnormal power defined in IEC61215, IEC61730 and UL1703 due to materials and processes within 12 years from the date indicated in the original invoices issued to customers, CECEP SOLAR will, according to the specific situations, negotiate with customers to repair the PV modules, replace them or compensate the customers by the current purchase price for these PV modules (with 10% annual depreciation deducted). The three methods of compensation above are the only compensation methods provided by us, which cannot be enjoyed at the same time with other compensation methods. The 12-year warranty period specified in the warranty shall not be exceeded. The output power is not ensured in the limited product warranty clauses, which is specified in Article 2 (“Limited Warranty of Power”) below.

### II. Limited Warranty of Power - Limited Compensation

Category		Attenuation of first year	Annual attenuation	12 <sup>th</sup> Year	25 <sup>th</sup> Year	30 <sup>th</sup> Year
Monocrystalline	Single Glass	≤2%	≤0.55%	≤8.05%	≤15.2%	/
	Double Glass	≤2%	≤0.45%	≤6.95%	≤12.8%	≤15.05%
	Full Black	≤2%	≤0.55%	≤8.05%	≤15.2%	/
	Flexible	≤3%	≤0.7%	≤10.7%	≤19.8%	/
Polycrystalline	Single Glass	≤2.5%	≤0.7%	≤10.2%	≤19.3%	/

The modules will be replaced or the warranty of additional modules provided. The warranty period of the original modules provided may be extended. If the production of modules provided at that time has stopped, CECEP SOLAR will provide the standard modules under production as compensation.

Compensation for insufficient power of modules: The difference between the actual total power of modules and the guaranteed one of the batch of modules shall be compensated with modules with the corresponding power provided.

The compensation method proposed in Article 2 Limited Warranty of Power is the only method, which cannot be enjoyed at the same time with other compensation methods.

Note: The power of modules shall be measured under the standard test conditions (STC), which is under the light intensity of 1,000 W/m<sup>2</sup>, temperature of 25°C, and air quality of AM1.5. (The measurements at the junction box terminals shall be obtained as per the existing calibration and test standards provided by CECEP SOLAR in accordance with IEC61215 when the PV modules are produced. The calibration standard of CECEP SOLAR shall conform to the standards used by authorized international organizations.)

### III. Exclusion and Restriction

- (1) The warranty requirements must be proposed within the effective warranty period;
- (2) If CECEP SOLAR judges that the solar PV modules are used under the following conditions, provisions in Article 1 Limited Warranty of Solar PV Modules and Article 2 Limited

Warranty of Power shall no longer be applicable:

- a) The modules are misused, abused, omitted or have accidents;
- b) The modules have improper transportation, system design and working environment;
- c) The modules are not handled, installed, used and maintained as per the installation manual provided by CECEP SOLAR. Especially, they are trampled by operators and violently collided during the processes of installation and maintenance;
- d) The modules are repaired or changed by technical service personnel not from CECEP SOLAR;
- e) The modules are damaged unexpectedly due to power failure, surge, lightning, flood, etc., or suffer from other events beyond CECEP SOLAR.

Note: The back surfaces of modules are protected to a limited extent, which shall be prevented from being collided, scratched or squeezed during such processes as transportation and installation.

- (3) Any transportation and customs clearance expenses, any expenses incurred by repair of modules and re-shipment of repaired or replaced modules, and the expenses related to installation, disassembly and reinstallation of PV modules are not covered in Article 1 Limited Warranty of Solar PV Modules and Article 2 Limited Warranty of Power;
- (4) If the type and serial number of a module have been changed, erased or illegible, the warranty requirements will not be accepted;
- (5) The Limited Warranty of Solar PV Modules (hereinafter referred to as “the Limited Warranty”) is only applicable to qualified modules;
- (6) Under the standard test conditions (STC), modules have the maximum system voltage of  $[V] = 1,000\text{ V}$  or  $1,500\text{ V}$ , and the recommended number of modules to be installed in case of parallel connection is  $N \leq \text{Conductor Current}/I_{sc}$ , and that of modules to be installed in case of series connection  $N \leq [V]/V_{oc}$  (where,  $V_{oc}$  is the open circuit voltage corresponding to the lowest working temperature of modules in the installation area). If the number of modules actually installed exceeds the recommended number, system dangers will be caused, and CECEP SOLAR will not bear the losses caused by the accidents.

#### IV. Limitation of Warranty Scope

The Limited Warranty explicitly replaces and excludes all other express or implied guarantees (including but not limited to commercial guarantee, special purposes use or application), and all other responsibilities and obligations of CECEP SOLAR, unless CECEP SOLAR explicitly agrees and signs to approve these responsibilities and obligations in writing form. CECEP SOLAR assumes no responsibilities for any personal injury, property damage or any other loss or injury caused by modules or due to causes related to modules (including but not limited to any defects of modules themselves or in the use or installation). CECEP SOLAR assumes the responsibilities for incidental or accompanying damages and other special damages under no circumstances, no matter how these damages occurred. The above restrictions and exclusions may not be accepted for modules to be sold in the U.S. market as the restrictions and exclusions shall not be set for implied warranties by laws of some U.S. states.

#### V. Warranty Application

If consumers believe that their warranty requirements meet the requirements of the Limited Warranty, please immediately send the notice to the email address ([sales@cecsec.cn](mailto:sales@cecsec.cn)) of CECEP SOLAR, along with the serial number of the corresponding module and the scanned invoice when the module is purchased. Any PV modules returned shall not be accepted without the confirmation of CECEP SOLAR.

#### VI. Severability

If a certain part, provision or clause of the Limited Warranty or its application is determined to be invalid or unenforceable, other parts, provisions or clauses of the Limited Warranty will not be affected. The part, provision or clause determined as invalid or unenforceable will be deleted from other parts, provisions or clauses.

#### VII. Disputes

Any inconsistency in the warranty claim shall be finally appraised by third-party testing organizations with world-class testing qualifications (e.g. TÜV and Fraunhofer Institute for Solar Energy Systems ISE in Freiburg, Germany). The expenses incurred during claims shall be borne by the losing party, unless otherwise sentenced. The final right to choose the above organization is vested in CECEP SOLAR. Therefore, CECEP SOLAR reserves the right of final interpretation.

For modules to be sold in the U.S. market, the Limited Warranty allows customers to enjoy other rights by the laws of various states.

#### VIII. Force Majeure

CECEP SOLAR shall not be liable to consumers, end users and any third parties for defects or power attenuation of modules caused by natural disaster, war, riot, strike and other uncontrollable events that are unforeseeable to CECEP SOLAR (including but not limited to technologies, natural events or natural conditions that CECEP SOLAR cannot understand when any modules are sold or users requests for the warranty requirements).

#### IX. Transfer of the Limited Warranty

The Limited Warranty can be transferred when modules are not installed and used, modules are kept at their original installation positions, modules are reasonably handled, designed in system, installed, used and maintained, and modules have the proper working environment.

#### X. Others

When the modules are repaired and replaced, additional modules are provided and the Limited Warranty is transferred, it does not indicate the beginning of a new warranty period, and the warranty period of the original Limited Warranty will not be extended. Any replaced modules will be owned by CECEP SOLAR for full disposal. If the production of a replaced module has been stopped when the user asks for warranty, CECEP SOLAR has the right to provide modules of other models (in different sizes, colors, shapes and power).