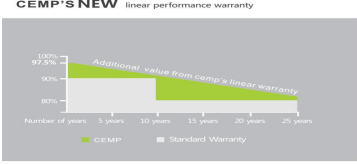


PV Modules	Unit	Detail
Manufacturer		Jiangsu CEMP Energy Group Co.Ltd.
Country of manufacture		P.R.China.
Model		CEMP270-60P
Solar cell technology		Poly-Si
Dimensions	mm	CELL:L (156.75mm)x W(156.75mm)±0.5mm MODULE:L(1640mm)×W(990mm)×H(35mm)
Front surface material and coatings		Coating toughened glass
Back surface materials		KPK (PVDF/PET/PVDF)
Mass	kg	18.3
Maximum Power (STC)	W	270
Open circuit voltage (STC)	V	37.7
Short circuit current (STC)	A	9.08
Voltage at maximum power (STC)	V	31.8
Current at maximum power (STC)	A	8.51
Module efficiency at maximum power (STC)	%	16.63
Maximum Power (NOCT)	W	192.7
Open circuit voltage (NOCT)	V	34.19
Short circuit current (NOCT)	A	7.32
Voltage at maximum power (NOCT)	V	28.26
Current at maximum power (NOCT)	A	6.82
Module efficiency at maximum power (NOCT)	%	11.86
Normal Operating Cell Temperature (NOCT)	°C	47.7
Temperature coefficient of Pmax (β)	%/ °C	-0.514
Temperature coefficient of voltage	%/ °C	-0.396
Temperature coefficient of current	%/ °C	0.065
Maximum system voltage	V	1000V
PV module leads and connectors (type, length and details)		PV1-F 1×4mm ² ;connectors:GF20 05-6(Compatible with MC4) type:PV1-F;length:900mm;
PV Module and Junction Box ingress protection rating		IP67;Series fuse rating :15A
Frame construction, material and colour		Aluminum frame 6063-T5;colour:silver gray
PID protection methodology		Anti-PID EVA & Anti-PID cell;In the system,the PV module or inverter must be grounded by resistance or fuse, so that the voltage of the panel negative and the grounding metal frame are kept in equal potential to eliminate negative bias.
Warranty details including performance warranty for each year over the Design Life (Note: PV modules must be provided with a minimum 25 year linear power output warranty).		(a) 10 years limited product warranty (b) 25 years limited power output warranty: 2.5% in the first year, Thereafter 0.7% per year, Ending with 80.7% in the 25 year after the warranty started date.
		 <p style="font-size: small; text-align: center;">CEMP'S NEW linear performance warranty</p>