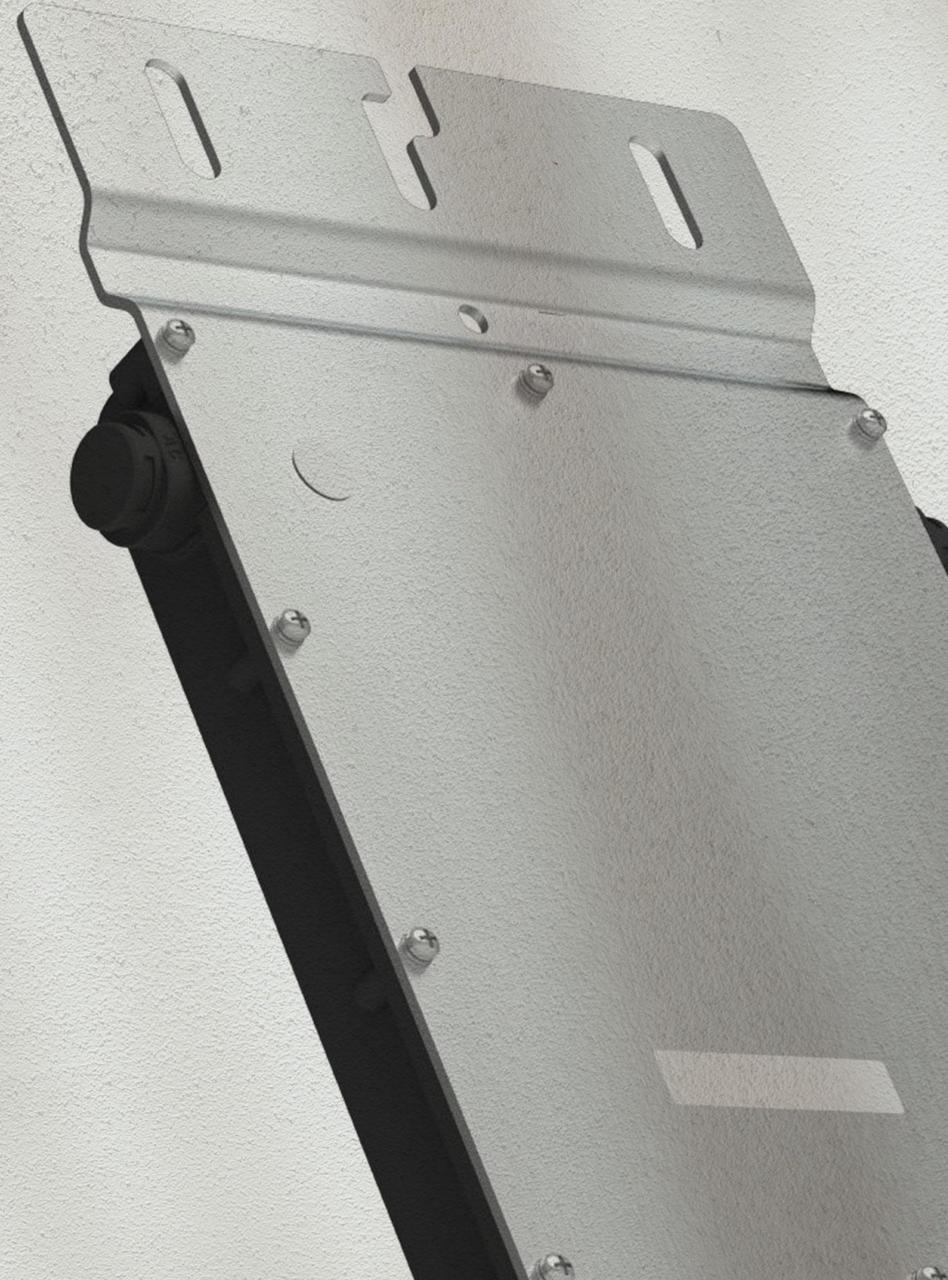


Hoymiles Micro-inverters series



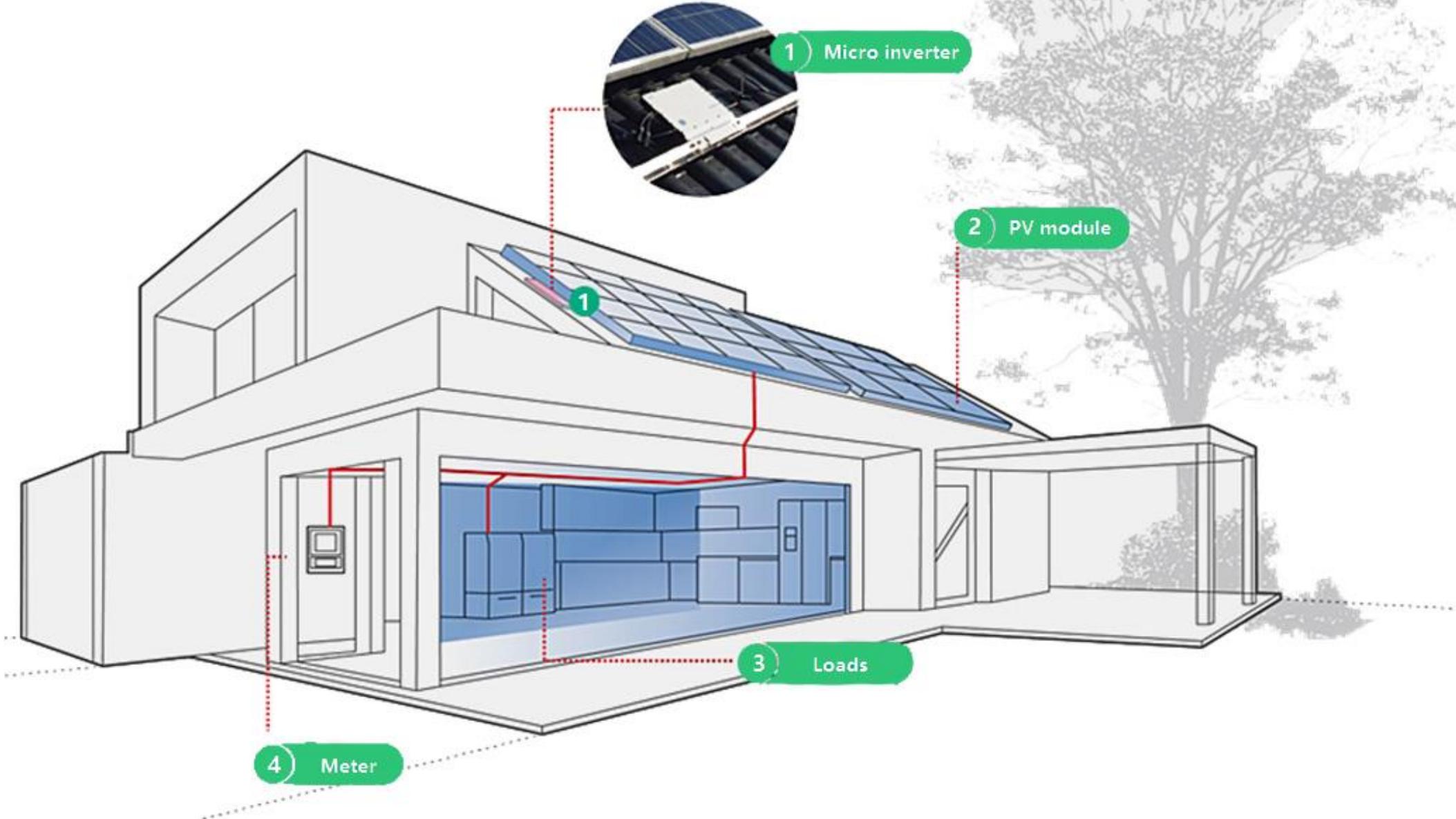
Micro-inverters series

Best suited for residential use and in small commercial environments.

Our microinverters are long-lasting, easy to install with incredibly low failure rates.



What we provide | Micro-inverter



What we provide | Why Micro-inverter



High efficiency

NO.1 CEC weighted efficiency (96.5%) in the world, modular MPPT ensure 10~30% more yield of PV energy comparing string inverters



High accuracy

Real-time monitoring world widely to control status of power generation for each module. Online trouble shooting, quicker and precise



High security

Upto 40V at DC side in system of micro-inverter would avoid any possible risk of conflagrations caused by strong drawing arc and electric shock



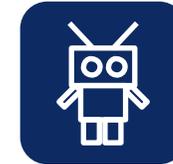
High reliability

Well chosen components ensure its high quality: MTBF (mean time between failure) > 550 years; yearly failure rate < 0.18%; warranty of 12 years



Solution of PID

Only 40V at DC side in system of micro-inverter would totally solve the PID effect, which will highly improve energy yield and maintenance



High flexibility

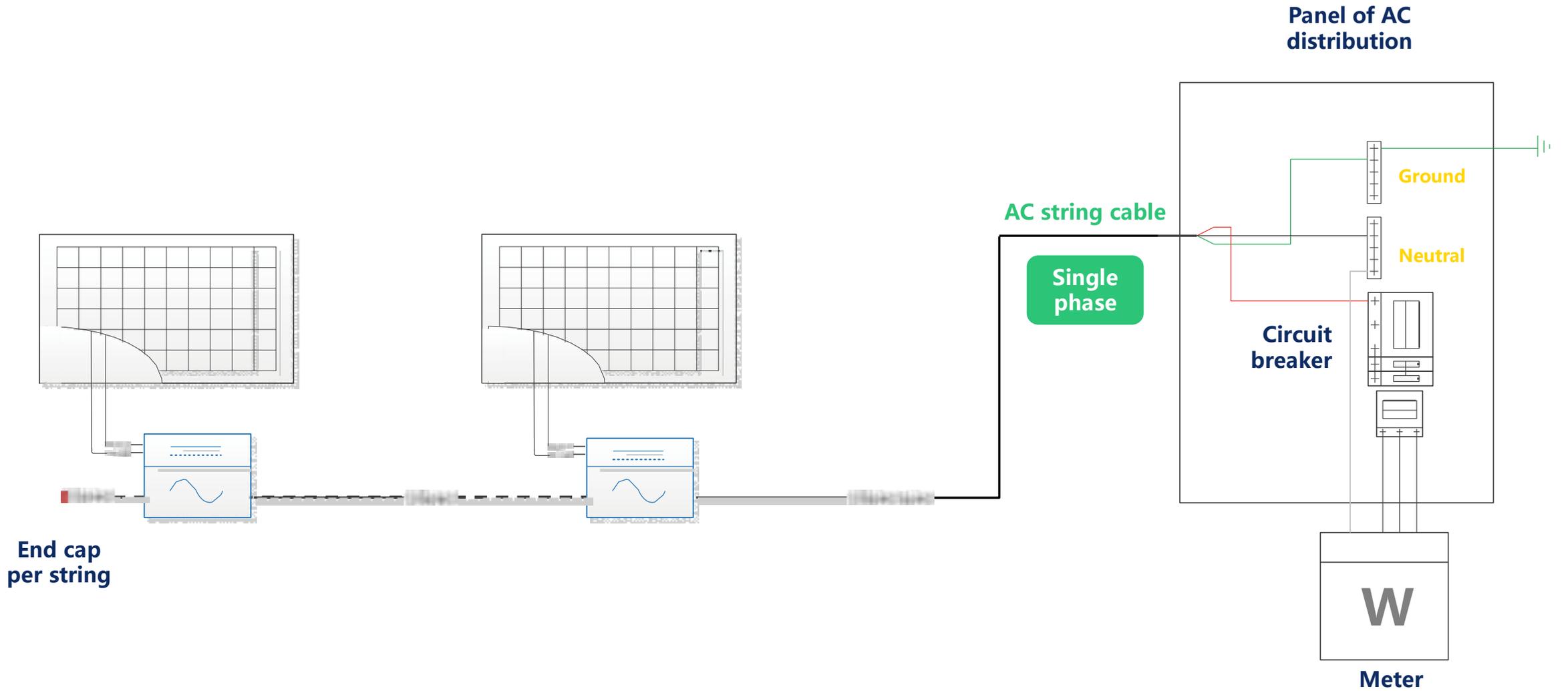
Available for various installations of PV system for modules in different orientation, shadings, also power extension or reformation of system



- ▶ **1,500 thousand tests on DC switching**
- ▶ **1 million tests about electrical shocks**
- ▶ **Surge and lightning strike test at 6000V**
- ▶ **Totally water-proof with grade of IP67**

Water-proof and dust-proof design at IP67 grade, can be normally operated after disposal under depth of water of 1 meter after one entire week, thus it can resist all kinds of harsh environments

What we provide | Our Micro-inverter HM series



What we provide | Our Micro-inverter HM series

	HM-600	HM-700	HM-800
Recommended power of PV modules [W]	240~380	280~440	320~500
Range of MPPT voltage [V]	29~48	33~48	34~48
Range of operating voltage [V]	16~60		
Start/Maximum input voltage [V]	22/60		
Maximum input current [A]	2*11.5	2*11.5	2*12.5
Rated output power [VA]	600	700	800
Rated output current [A]	2.73/2.61/2.50	3.18/3.04/2.92	3.64/3.48/3.33
Nominal output voltage/range [V]	220/230/240 (180~275)		
Nominal frequency/range[Hz]	50/45~55 or 60/55~65		
Power factor (adjustable)	>0.99 default (0.8 leading.....0.8 lagging)		
Communication	2.4GHz Proprietary RF(Nordic)		
Total harmonic distortion	<3%	<3%	<3%
Maximum units per string	8/8/8	7/7/7	6/6/6
Efficiency	96.7% (CEC peak) / 96.5% (CEC weighted) / 99.8% (Nominal MPPT)		
Enclosure rating	IP67 (Outdoor ~ NEMA6)		
Operating temperature [°C]	-40 to +65		
Dimensions and weight	250*170*28mm / 3.00Kg (including AC cables)		
Standard warranty [Years]	12 (Extendable to 20 and 25 years)		