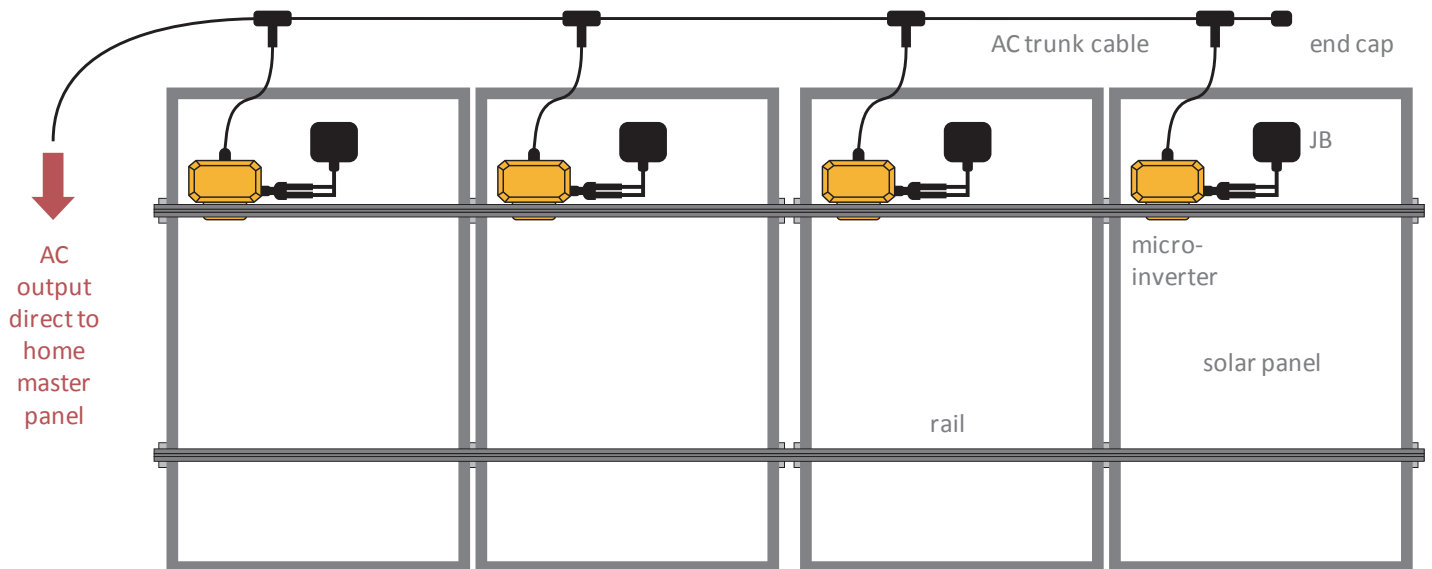


MicroPV[®] SOLAR KITS

WITH MICRO-INVERTER TECHNOLOGY



- Small power units for flexibility and low budget
- Expandable to larger system capacity
- Grid-tied micro-inverters with built-in protections
- Low system voltage ensures user and fire safety
- Use for feed-in tariff and net-metering policies
- All-in-one flat-pack, including mounting system
- Pre-assembled parts to save on installation time

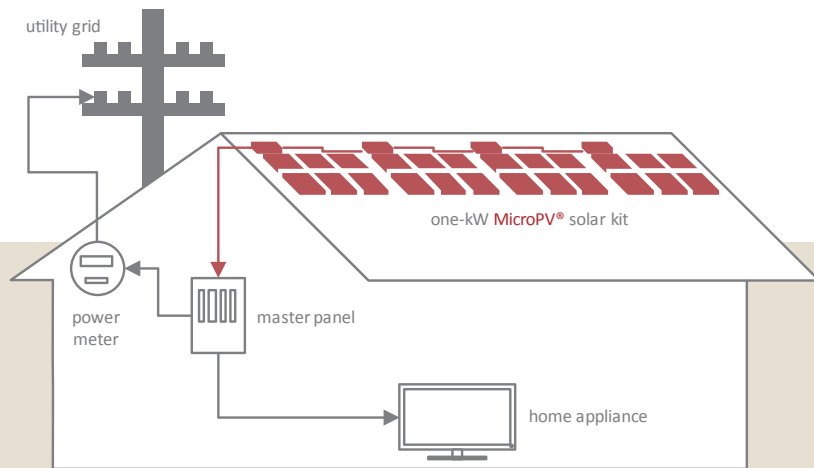


Schematic of a MicroPV[®] solar system with 4 panels.



Solar panels can be mounted at a tilt angle or flushed to the slanted rooftop





Darfon's proprietary micro-inverter technology allows the MicroPV[®] kits to be installed and grid-tied quickly and operate under ordinary low household voltages



Installation of MicroPV[®] kits on rooftops showing rail-mounted micro-inverters.



The MicroPV[®] system allows a micro-inverter to be mounted on a rail underneath a solar panel.

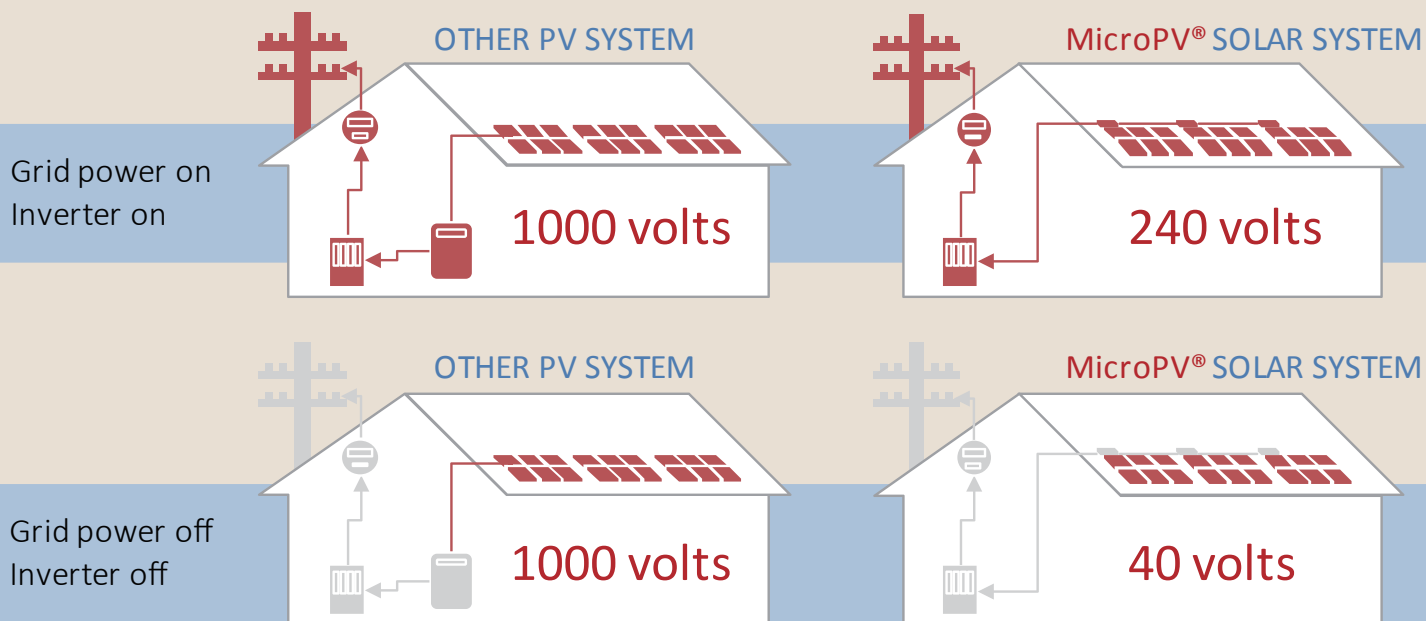


Easy-to-install mounting systems are bundled in every MicroPV[®] solar kit. Most parts are pre-assembled to save installation time.



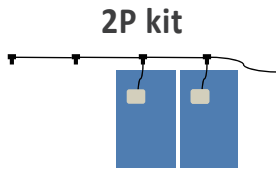
NEW STANDARD IN USER AND FIRE SAFETY

Even with the grid power being cut-off, traditional solar systems can still be energized up to 1000 volts, posing great hindrance to fire fighting. This problem has been eliminated with the MicroPV[®] solar system, where 240 volts is the maximum when the grid power is on, and only 40 volts (panel voltage) when the grid power is off.



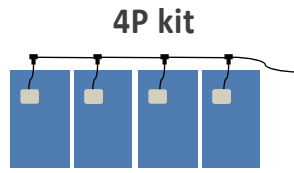
MicroPV[®] SELECTIONS

CHOOSE KITS TO MATCH SITE REQUIREMENT



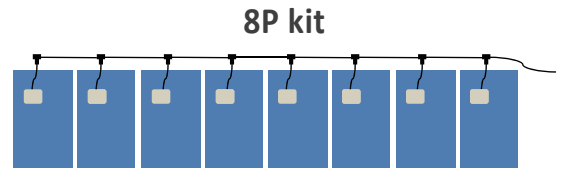
2P kit

The 2P kit is a starter's kit for those wish to start small. The kit comes with just two solar panels, but can be expanded to 4 panels later without having to disconnect any cabling.



4P kit

The 4P kit is a complete system with 4 panels and 4 micro-inverters ready to be grid-connected. Multiple 4P kits can be installed together to form a larger system.



8P kit

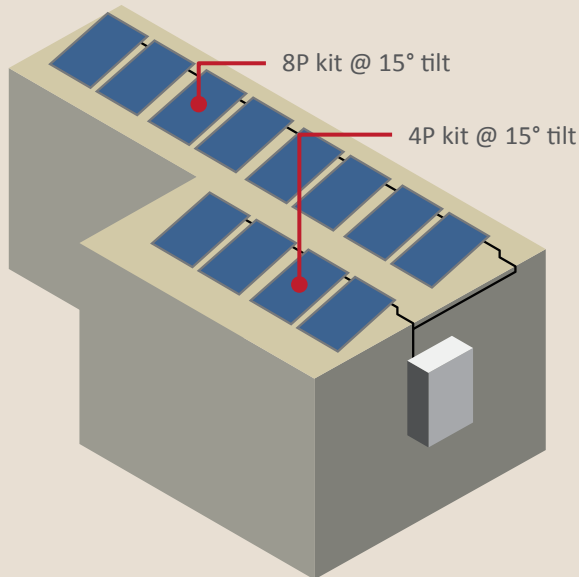
The 8P kit is the most economical system for larger rooftops. It comes with 8 solar panels and 8 micro-inverters connected together with a continuous trunk cable for fast installation.

EASY 3-STEP SELECTION PROCESS

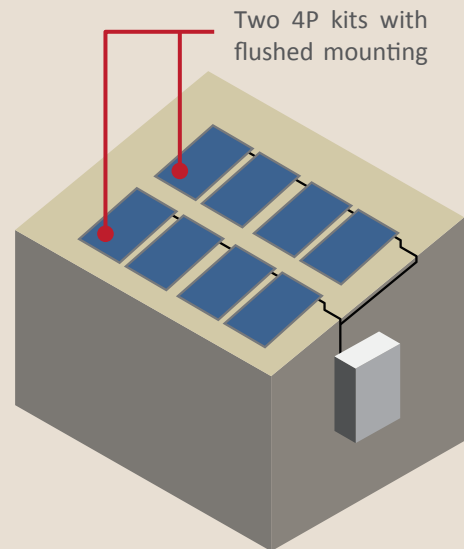
STEP 1 – Measure the available installation area of your rooftop

STEP 2 – Layout the area with your choice of 2P, 4P or 8P kit/s

STEP 3 – Decide which type of mounting you need, either flushed, 10°, 15°, or 25° tilted



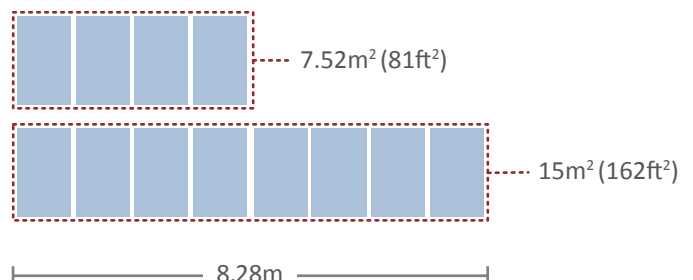
Example A : Flat rooftop



Example B : Pitched rooftop

MicroPV[®] various footprint areas

Kit model	L * W	Area(m ²)
2p kit	2.12 * 1.7	3.76
4p kit	4.24 * 1.7	7.52
8p kit	8.28 * 1.7	15.0



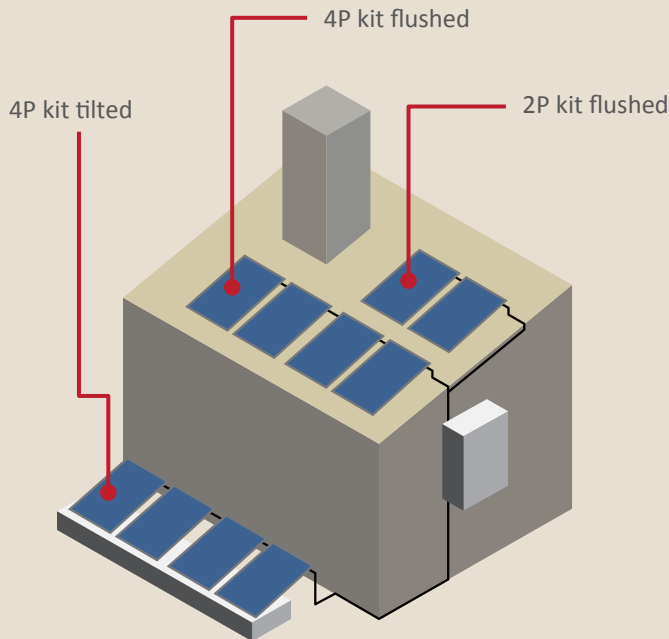
A **MicroPV**® 4P kit contains 4 solar panels, 4 micro-inverters, one AC trunk-cable, one mounting system, and an user guide.



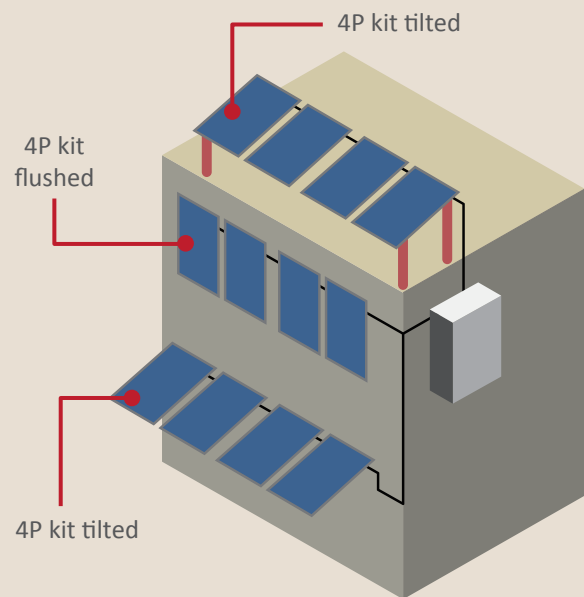
Major **MicroPV**® kits variations

Kit Contents	2P kit	4P kit	8P kit
Nominal capacity (kWp dc)	0.5	1.0	2.0
No. of solar panels	2	4	8
No. of micro-inverters	2	4	8
No. of trunk cable drops	4	4	8
No. of mounting rails	2	4	8
No. of panel clamps	6	12	24
No. of support legs	6	12	24

Example C : Rooftop and on-ground



Example D : Awning, wall, and canopy

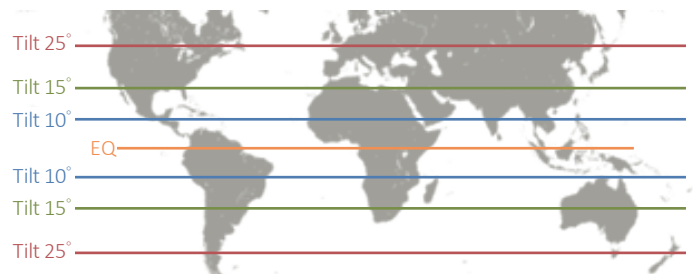


Tilted mounting
(10°, 15°, 25°)



Flushed mounting

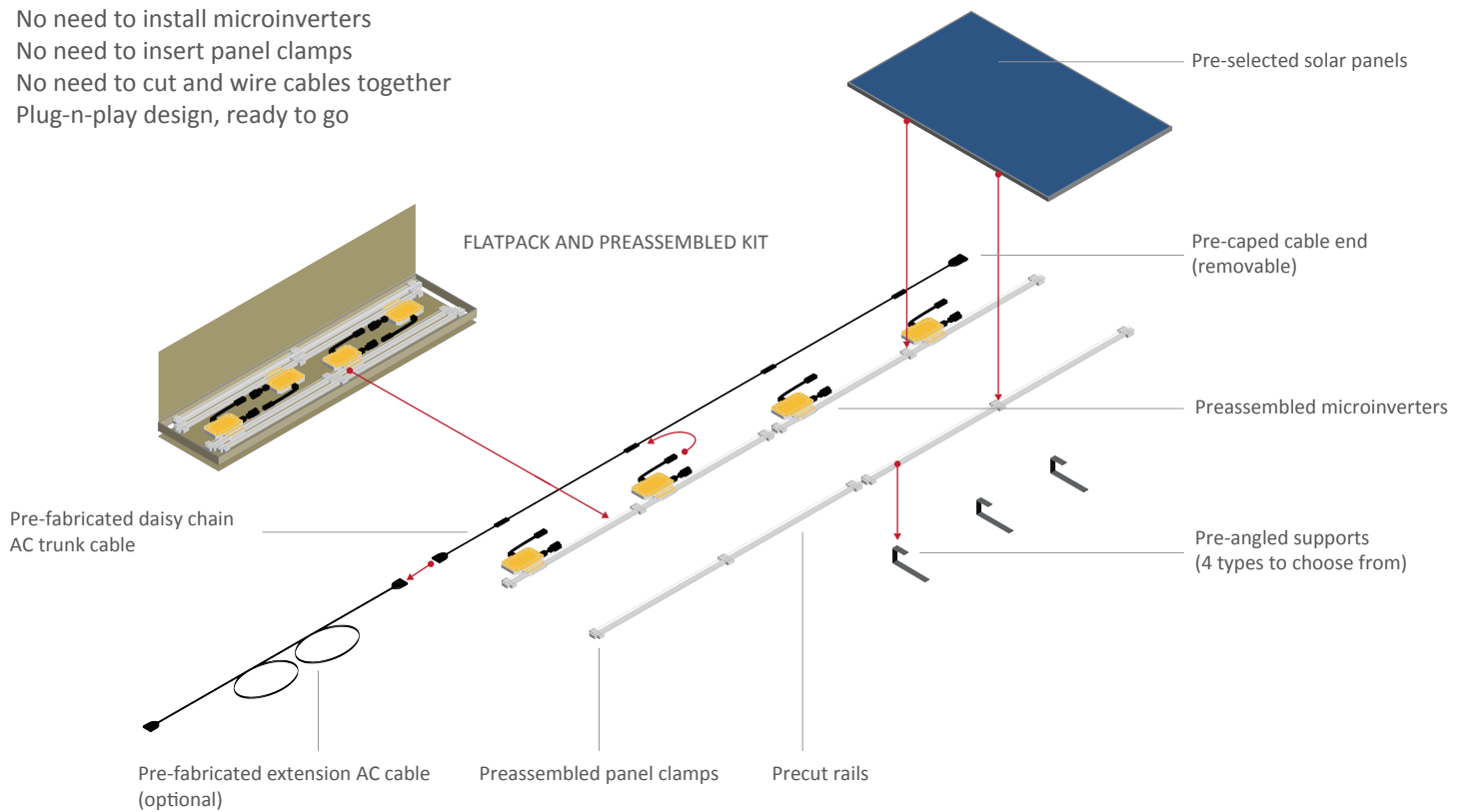
Panel tilt angle guide



MicroPV[®] PLUG-N-PLAY

PREASSEMBLED FOR INSTANT USE

No need to install microinverters
 No need to insert panel clamps
 No need to cut and wire cables together
 Plug-n-play design, ready to go



MicroPV[®] STANDARD KIT

ONE KILOWATT PER KIT FOR EASY EXPANSION

