Installation Kit

◷ Available Fall 2028

The ANEW Installation Kit — a complete MC4 connector termination kit: ratcheting crimp tool, MC4-compatible connectors moulded in UV-stable engineering resins, and red and black PV cable, all designed to last for decades outdoors.



UV-stable engineering resins Ordinary plastic connector bodies chalk, yellow and crack after a few seasons of direct sun — and a cracked shell is a water path straight to the contacts. Every shell in this kit is moulded from UV-stable engineering resins: tough, dimensionally stable polymers with the UV inhibitors built into the material itself rather than sprayed on the surface. They are designed to hold their shape and their seal through full tropical sun, driving rain, salt air, freeze-thaw and the daily heat cycle of a working DC run — for decades, not seasons. Mated, a pair seals to IP67 / IP68, and the latch takes a deliberate tool release, so nothing works loose in the wind. Cable built to the same standard The red and black spools are PV wire: finely stranded copper for flex life, under a double layer of insulation, under a UV-stable outer jacket rated for direct sunlight and open-air runs. It bends cold, resists abrasion where it crosses a bracket, and doesn't stiffen and split on a rooftop. Terminated with the tin-plated copper contacts and the ratcheting crimper in the box, each joint is gas-tight and low-loss — the crimp that lasts, not the crimp that heats. The whole run is specified to match the targeted 50-year service life of the generators, storage and chargers it connects. The Spec Sheet Built to the standard. In the Box

Type	MC4 connector termination kit
Crimp tool	Ratcheting MC4 crimper
Connectors	MC4-compatible — male & female
Polarity coding	Red (positive) · black (negative)
Contacts	Tin-plated copper
Cable	PV wire on red & black spools
Terminates	Sun · wind · water · storage runs

Ratings & Fit

Standard	MC4 — industry standard DC connector
Cable size	4 mm² / 6 mm² PV cable

Weatherproofing	**IP67 / IP68 — sealed, outdoor-rated**
Connector body	**UV-stable engineering resin**
Insulation	**UV-stable jacket, double-insulated**
Service life	**Targeted 50-year — matched to the hardware**
Compatibility	**Every ANEW MC4 quick-disconnect**
Use	**Field wiring & ~30-minute unit swaps**

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