Mechatron M18KD Dual-Axis Solar Trackers for Sale

ARC Power Systems has 17 Mechatron M18KD gearless dual-axis solar trackers available as a lot. The trackers were allocated to a project where they were never installed.

17 trackers	43.2 kWdc	734.4 kWdc
Available as one lot	Per tracker with 72 × 600 W modules	Lot capacity at the same configuration



Reference installation showing solar arrays above a commercial parking lot.

Where the single mast helps

Each tracker carries its array on a single mast. Three hydraulic drives turn the array to follow the sun across the sky, and a fourth adjusts its tilt as the sun rises and sets. The spacing between masts can leave access lanes or working ground available at municipal water facilities, industrial campuses, vineyards and other agricultural sites. Allow for the full sweep of the array when planning access and setbacks.

Request lot pricing

For lot pricing, send ARC your project location, preferred module or target DC capacity, and delivery window.

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M18KD technical specifications

With 72 compatible 600 W photovoltaic modules, one M18KD supports 43.2 kWdc. Across all 17 trackers, that layout supports 1,224 modules and 734.4 kWdc of solar capacity. Final array size depends on the modules selected.

Specification	M18KD model data
PV module layouts	72 modules with 200 cells, 90 with 72 cells, or 56 with 132 half-cells. Fit depends on module dimensions and frame layout.
Platform and height	57 ft long by 33 ft wide, with 1,830 ft² of panel area. Array height up to 30 ft.
Travel and accuracy	360° of horizontal rotation and 0–60° of tilt. Published tracking accuracy is 1°.
Structure and drive	Hot-dip galvanized steel with G90 pre-galvanized tubes and purlins. Gearless hydraulic drive with zero backlash.
Tracker weight	Approximately 7,000 lb per tracker, comprising a 5,400 lb platform and 1,600 lb base and controls.
Drive motor supply	120/240 V single-phase at 3 A, or 277/480 V three-phase wye at 1.5 A, depending on configuration.
Controls and data	Configurable night stow and backtracking. Mechatron lists Wi-Fi, RS-485, Modbus and Ethernet interfaces.
Wind and snow	Default horizontal stow at 40 mph. While horizontal, rated for 105 mph sustained wind and a 115 mph three-second gust. Published snow load is 34.5 lb/ft².
Model certification	Mechatron reports ANSI/UL 3703 certification for the M18KD. Request the documentation for the offered build.

These are manufacturer specifications for the M18KD model. Confirm the build configuration, included equipment and site design with ARC before ordering.

Energy production

Mechatron reports energy gains of up to 40% versus fixed-tilt arrays and about 20% versus single-axis tracking. For an annual kWh estimate, model the proposed site using local sunlight, shading, tracker spacing and the selected modules.

Equipment scope and purchase options

The offer covers the 17 trackers. Ask ARC for an itemized equipment list to establish which controls, mounting hardware, PV modules, inverters and foundation components are included. ARC can also review manufacturing history, inspection options, loadout and freight with your team.

ARC welcomes an outright purchase of the lot, a broader project acquisition or a joint-development proposal. Municipalities and developers with a replacement site can bring it to ARC for review. Ask about the original project's 2025 development records if your team is evaluating a project acquisition.

Download the Mechatron M18KD manufacturer datasheet

Request lot pricing from ARC Power Systems • (213) 371-2848