



FLEXRACK Series B

Cast-in-Place (CIP)
or Pre-Cast

COMPLETE COMPATIBILITY

Over 100 projects installed

Offers complete compatibility with all of our ground systems

All the innovative labor savings features and flexibility are still realized with the Series B

The Series B is offered as a Pre-Cast or Cast-In-Place system to meet project specific requirements

Site specific, custom engineering to meet project needs

Self-squaring rack allows for no hassle module installation



Get in contact with the
FLEXRACK by QCells team today!

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Cast-in-Place features

Form is customized roll form shape to optimize size and reduce wasted material

Economical shipping – nested forms

Posts are set plumb before pouring concrete

Ability to level posts after form is set for tolerances in installation

Form assembly in under 3 minutes with 2 people

Internal bracing eliminates need for construction shoring or additional bracing requirements

No added materials required in ballast form



Pre-Cast features

Low labor cost

Fabricated in a controlled environment

Durable and dependable

The two-support system enables the use of a split block system, which requires lighter lifting machinery to accommodate sites with low bearing pressure requirements

MATERIALS

Hardware	Mounting hardware is Magni 560, HDG coated standards. Stainless available upon request.
Racking Structure	Galvanized steel standard. Higher coatings available for high corrosion areas
CIP Form Material	Galvanized steel standard. Higher coatings available for high corrosion areas

DESIGN

Orientation	Portrait or Landscape
Tilt Angle	5° - 45° (custom tilts can be accommodated)
Racking Slope Tolerance	20% E/W
Local Ballast Slope	5% N/S, E/W
Wind Speed	Any wind speed including hurricane prone regions
Snow Load	Racking system can designed for any snow load
Module Accommodation	Any module including 60 cell, 72 cell, large format modules, and thin filmed modules
Module Mounting Type	Direct bolt directly to vertical rails (bonded connection)
Foundation Accommodation	Cast-in-Place or Pre-Cast
Warranty	20 years

CERTIFICATIONS AND TESTING

UL Certification	UL 2703 (Issue 2) compliant
Wind Tunnel Testing	CPP third party testing laboratory
Structural Connection Testing	Accutek Testing Laboratory
Code Compliance	Racks are designed using site specific loads (wind, snow, and seismic) per the governing local building codes
Finite Element Modeling	Risa 3D
Engineering	PE stamped drawings and calculations

SERVICES

Geotechnical Engineering	Field investigation and engineering, laboratory testing, engineering analysis, push/pull tests, ballast design
Structural/Civil Engineering	Preliminary investigation, engineering
Installation	Foundation, racking, module, and module prewiring
Training	Onsite installation training at no additional cost

50 YEARS & OVER
4 GIGAWATTS

FLEXRACK by Qcells is an integrated solar company that offers custom-designed, fixed tilt ground mount and single-axis solar tracking systems in the commercial and utility-scale solar mounting industries. FLEXRACK also offers full services, including engineering, geotechnical, pullout testing, field, and layout design services to address the actual site conditions of a project site. FLEXRACK has completed over 4 GW of solar racking installations in over 40 U.S. states and across the globe.