



Ballasted Landfill Solutions | GM-BL

Our commitment to testing and innovation allows us to develop stronger, more cost-effective mounting solutions that can handle even the toughest site conditions. Non-penetrating ground mount solutions are now available as a precast foundation or cast-in-place. Pre-assembled post foundations and pre-assembled top chords reduce the amount of field connections to reduce installation labor time and costs.

Why choose RBI Solar?

- Precast or cast-in-place solutions
- Non-penetrating alternative to driven systems
- Racking is mechanically attached to concrete block foundations to allow for easy disassembly for future maintenance on landfill caps
- ETL classified to UL 2703
- Pre-assembly options available
- Customizable to site-specific requirements
- Options for providing concrete material, concrete placement and racking installation



Ballasted Landfill Ground Mount Solution Features

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| Foundation and racking design | Site wind speeds 170+ mph and ground snow loads 90+ psf |
| Signed and sealed drawings | Available in all 50 states |
| Proprietary on-site testing | Engineered for site specific coefficient of friction |
| Pre-assembled parts | On-site labor reduction |
| Variable slope | Accommodates slopes up to 30% (with topographic site map) |
| 20-yr standard warranty | Proven rack reliability and bankability |
| G115 minimum galvanized coating | Exceeds ASTM and UL standards for 30% extended life |
| Post options | Cost-effective cee channel or I-beam posts |
| Driven post refusal alternative | Ability to address challenging soils or impenetrable sites |
| Module configurations | Portrait, landscape (all module types) |
| Raised purlins | Integrated bonding and grounding to UL 2703 |
| Corrosion class | System available for all corrosion classes |
| Wire management and electrical | Integrated wire management and auxiliary mounting options |



Precast Solution

- No weather delays and less susceptible to freeze/thaw cycles
- Reduces on-site man hours, ability to relocate or re-use
- Vast network of RBI Solar precasters
- Cleaner sites! Eliminates concrete trucks washout areas
- No risk for hidden costs such as accelerators, retarders, curing requirements, concrete pumps, or winter mixes



Cast-in-Place Solution

- Reduced initial lead time
- Independent of precaster's capacity or costs
- Heavy transportation equipment not required
- Option for remote areas or for international projects
- RBI Solar can assist in concrete mix design, QA/QC, and inspections to validate concrete meets ACI/ASTM standards

Contact us at info@rbisolar.com or (513) 242-2051

DESIGN • ENGINEERING • MANUFACTURING • INSTALLATION

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