RESIDENTIAL SOLUTIONS

Solar Ready

PowerMark Gold™ Meter Socket Load Centers

PowerMark Gold Meter Socket Load Centers are a perfect complement for residential applications that use solar photovoltaic (PV) power to optimize reliability and protection. These four (4) PowerMark Gold Meter Socket Load Centers are UL listed for solar ready applications and comply with the National Electrical Code (NEC) for use with a photovoltaic (PV) power source.

Key benefits

- **Source flexibility** - Dual power source capabilities to connect to solar and utility
- **Easy installation** – Full length neutral for faster installation and maximum productivity
- **Engineered to last** – Corrosion resistant, tin-plated, sturdy cooper bus and galvanized box help increase durability and reliability
- **Competitive lead times** – Extensive inventory available for fast shipment allowing you to respond very quickly to your customers
- **225A Rated Main Bus Standard***- 225A rated bus allows higher PV input (*150 & 200A Units see table for expanded ratings)

Key features

- Dual power source capabilities
- Full-length neutral
- Raised neutral screws
- Sturdy, tin-plated copper bus and galvanized box
- Back keyholes
- Built to handle current up to 120% bus ampacity
- Meets EUSERC standards
- Single device overhead/underground feed
- Generous wiring room
- Accepts 1” THQL or 1/2” THQP branch circuit breakers
- Combination slotted/Robertson neutral screws
- Removable side-opening door
- Utilizes back fed breakers (sold separately)

Applies 120% PV rule

- Max PV + Main Breaker Rating ≤ Busbar Rating × 1.2
- This rule ensures that the bus is protected from the possibility of current overload situations.
- Professional installation is required in order to comply with NEC and local jurisdiction codes.

Contact your local distributor or ABB representative for product ordering.

Stock keeping units (SKUs)

Ordering code	Cover type	Amperage	Spaces	Circuits
TSM1610CFCU	Semi-flush	100	16	32
TSM1610CSCU	Surface	100	16	32
TSM2020CFCU	Semi-flush	200	20	40
TSM2020CSCU	Surface	200	20	40

Technical data

Ordering code	Main breaker rating	Bus rating	Max PV breaker rating
TSM1610CFCU	100 A	125 A	50 A
TSM1610CSCU	100 A	125 A	50 A
TSM2020CFCU	200 A	225 A	70 A
TSM2020CSCU	200 A	225 A	70 A

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