

SOLAR POWER PACKS

OFF-GRID PWM SOLAR SYSTEMS WITH TUBULAR GEL SOLAR BATTERIES

THE EASTMAN ADVANTAGE

- EAPL Solar Kits are designed by team of highly experienced solar experts
- These kits have been carefully configured and technically optimized to give maximum energy yield
- Highly reliable and most cost effective
- Flexibility in the selection of solar kits size as per needs of the customers
- Easy and mistake proof installation
- Single window consumers delight service support from EAPL for all components



SOLAR OFF-GRID PWM PCU FEATURES

- Pure sinewave output
- Advanced DSP based technology
- LCD Screen for user convenience
- Solar Energy usage always on first priority
- Intelligent mixing of Grid current with solar in case of solar energy shortfall during cloudy days
- Highest efficiency in its segment
- Can work as normal inverter if solar panels are not installed
- Completely Safe : Over load protection, short circuit protection, battery and PV reverse connection protection

SOLAR PV MODULE FEATURES

- Manufactured in India using world class technology platform and processes
- Premium grade high efficiency 4BB-5BB solar cells
- Potential Induced Degradation (PID) Resistant
- High transmission glass and cell surface texturing ensures excellent performance even in low light conditions
- More power due to positive power tolerance
- Weather proof junction box
- Robust anodized non-corroding aluminum frame for long life
- Suitable for all types of solar applications - Off-Grid, Grid-tie, Hybrid, Bi-directional, DC, etc.
- Designed as per IEC and /or equivalent Standards : IEC 61215-2005, IEC 61730-Ed. 1&2, IEC 61701 & IEC 62804

TUBULAR GEL SOLAR BATTERY FEATURES

- High Surface Carbon
- Special Grade Separator
- Gelled Electrolyte
- Valve Regulator Vent Plugs
- Micro Pores Woven Gauntlet
- CE - Certified
- German Technology



India Toll Free No. 1800 419 8610

For Dealer & Distributors Stamp

AVAILABLE OFF-GRID PWM SOLAR PACKS WITH TUBULAR GEL SOLAR BATTERIES

| Pack # | Pack Model | System Details | Solar PCU | Battery | Solar Panels | Estimated Back Up from Solar & Battery | Estimated Back Up from Solar & Battery on full load | Estimated Annual Free Units (KWH) Generation from Solar | Battery Charging share of solar and grid on full discharge | Estimated Area required for Solar Panels Installation |
|----------|---------------------------------|----------------|------------|-----------|-----------------|--|---|---|--|---|
| Pack-205 | ESKP650/ 1B150C10 /2S100 | Model | ESP650/12 | E165G | EPP100W | 6.24 Hours | 3.00 Hours | 182 Units | 22% from Solar, 78% from Grid | 2.00 Sq. Meters |
| | | Rating | 650VA/12V | 150Ah | 100Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 1 | 2 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |
| Pack-201 | ESKP650/ 1B150C10 /3S100 | Model | ESP650/12 | E165G | EPP100W | 6.24 Hours | 3.00 Hours | 275 Units | 61% from Solar, 39% from Grid | 3.00 Sq. Meters |
| | | Rating | 650VA/12V | 150Ah | 100Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 1 | 3 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |
| Pack-208 | ESKP850/ 1B150C10 /2S150 | Model | ESP850/12 | E165G | EPP150W | 4.77 Hours | 2.30 Hours | 275 Units | 61% from Solar, 39% from Grid | 3.00 Sq. Meters |
| | | Rating | 850VA/12V | 150Ah | 150Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 1 | 2 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |
| Pack-203 | ESKP650/ 1B200C10 /2S150 | Model | ESP650/12 | E225G | EPP150W | 9.00 Hours | 4.00 Hours | 275 Units | 33% from Solar, 67% from Grid | 3.00 Sq. Meters |
| | | Rating | 650VA/12V | 200Ah | 150Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 1 | 2 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |
| Pack-206 | ESKP650/ 1B150C10 /4S100 | Model | ESP650/12 | E165G | EPP100W | 4.77 Hours | 2.30 Hours | 365 Units | 82% from Solar, 18% from Grid | 4.00 Sq. Meters |
| | | Rating | 650VA/12V | 150Ah | 100Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 1 | 4 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |
| Pack-209 | ESKP850/ 1B200C10 /2S150 | Model | ESP850/12 | E225G | EPP150W | 6.36 Hours | 3.03 Hours | 275 Units | 33% from Solar, 67% from Grid | 3.00 Sq. Meters |
| | | Rating | 850VA/12V | 200Ah | 150Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 1 | 2 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |
| Pack-202 | ESKP650/ 1B150C10 /3S150 | Model | ESP650/12 | E165G | EPP150W | 6.24 Hours | 3.00 Hours | 411 Units | 90% from Solar, 10% from Grid | 4.50 Sq. Meters |
| | | Rating | 650VA/12V | 150Ah | 150Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 1 | 3 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |
| Pack-204 | ESKP650/ 1B200C10 /4S100 | Model | ESP650/12 | E225G | EPP100W | 9.00 Hours | 4.00 Hours | 365 Units | 45% from Solar, 55% from Grid | 4.00 Sq. Meters |
| | | Rating | 650VA/12V | 200Ah | 100Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 1 | 4 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |
| Pack-212 | ESKP1050/ 1B200C10 /4S100 | Model | ESP1050/12 | E225G | EPP100W | 5.15 Hours | 2.45 Hours | 365 Units | 45% from Solar, 55% from Grid | 4.00 Sq. Meters |
| | | Rating | 1050VA/12V | 200Ah | 100Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 1 | 4 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |
| Pack-210 | ESKP1050/ 1B200C10 /3S150 | Model | ESP1050/12 | E225G | EPP150W | 5.15 Hours | 2.45 Hours | 411 Units | 68% from Solar, 32% from Grid | 4.50 Sq. Meters |
| | | Rating | 1050VA/12V | 200Ah | 150Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 1 | 3 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |
| Pack-207 | ESKP850/ 1B200C10 /4S150 | Model | ESP850/12 | E225G | EPP150W | 6.36 Hours | 3.03 Hours | 547 Units | 90% from Solar, 10% from Grid | 6.00 Sq. Meters |
| | | Rating | 850VA/12V | 200Ah | 150Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 1 | 4 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |
| Pack-211 | ESKP1050/ 1B200C10 /4S150 | Model | ESP1050/12 | E225G | EPP150W | 5.15 Hours | 2.45 Hours | 548 Units | 90% from Solar, 10% from Grid | 6.00 Sq. Meters |
| | | Rating | 1050VA/12V | 200Ah | 150Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 1 | 4 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |
| Pack-213 | ESKP1450/ 2B150C10 /2S265 | Model | ESP1450/24 | E165G | EPP265W | 4.20 Hours | 2.00 Hours | 484 Units | 62% from Solar, 38% from Grid | 5.30 Sq. Meters |
| | | Rating | 1450VA/24V | 150Ah | 265Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 2 | 2 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |

* Specifications are subject to change without prior notice due to constant improvement in design and technology.
* Refer to Eastman solar-PV module warranty card for further details

AVAILABLE OFF-GRID PWM SOLAR PACKS WITH TUBULAR GEL SOLAR BATTERIES

| Pack # | Pack Model | System Details | Solar PCU | Battery | Solar Panels | Estimated Back Up from Solar & Battery | Estimated Back Up from Solar & Battery on full load | Estimated Annual Free Units (KWH) Generation from Solar | Battery Charging share of solar and grid on full discharge | Estimated Area required for Solar Panels Installation |
|----------|--------------------------|----------------|-------------|-----------|-----------------|--|---|---|--|---|
| Pack-214 | ESKP1450/2B150C10/3S265 | Model | ESP1450/24 | E165G | EPP265W | 4.20 Hours | 2.00 Hours | 725 Units | 94% from Solar, 6% from Grid | 7.95 Sq. Meters |
| | | Rating | 1450VA/24V | 150Ah | 265Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 2 | 3 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |
| Pack-215 | ESKP1450/2B200C10/3S265 | Model | ESP1450/24 | E225G | EPP265W | 8.50 Hours | 4.00 Hours | 725 Units | 50% from Solar, 50% from Grid | 7.95 Sq. Meters |
| | | Rating | 1450VA/24V | 200Ah | 265Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 2 | 3 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |
| Pack-217 | ESKP2K/2B200C10/3S265 | Model | ESP2K/24 | E225G | EPP265W | 4.00 Hours | 2.00 Hours | 725 Units | 50% from Solar, 50% from Grid | 7.95 Sq. Meters |
| | | Rating | 2000VA/24V | 200Ah | 265Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 2 | 3 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |
| Pack-216 | ESKP2K/2B200C10/4S265 | Model | ESP2K/24 | E225G | EPP265W | 4.00 Hours | 2.00 Hours | 967 Units | 94% from Solar, 6% from Grid | 10.60 Sq. Meters |
| | | Rating | 2000VA/24V | 200Ah | 265Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 2 | 4 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |
| Pack-218 | ESKP2K/4B200C10/8S265 | Model | ESP2K/24 | E225G | EPP265W | 4.75 Hours | 2.25 Hours | 1,934 Units | 75% from Solar, 25% from Grid | 22.00 Sq. Meters |
| | | Rating | 2000VA/24V | 200Ah | 265Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 4 | 8 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |
| Pack-220 | ESKP5K/4B200C10/10S265 | Model | ESP5K/48 | E225G | EPP265W | 3.40 Hours | 1.70 Hours | 2,418 Units | 90% from Solar, 10% from Grid | 27.00 Sq. Meters |
| | | Rating | 5KVA/48V | 200Ah | 265Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 4 | 10 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |
| Pack-219 | ESKP2K/8B150C10/8S265 | Model | ESP2K/24 | E165G | EPP265W | 8.50 Hours | 3.80 Hours | 1,934 Units | 50% from Solar, 50% from Grid | 22.00 Sq. Meters |
| | | Rating | 2000VA/24V | 150Ah | 265Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 8 | 8 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |
| Pack-221 | ESKP5K/8B150C10/10S265 | Model | ESP5K/48 | E165G | EPP265W | 4.50 Hours | 2.00 Hours | 2,418 Units | 60% from Solar, 40% from Grid | 27.00 Sq. Meters |
| | | Rating | 5KVA/48V | 150Ah | 265Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 8 | 10 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |
| Pack-222 | ESKP7K5/10B200C10/15S265 | Model | ESP7K5/120 | E225G | EPP265W | 3.94 Hours | 1.87 Hours | 3,610 Units | 90% from Solar, 10% from Grid | 40.00 Sq. Meters |
| | | Rating | 7.5KVA/120V | 200Ah | 265Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 10 | 15 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |
| Pack-224 | ESKP10K/10B200C10/20S265 | Model | ESP10K/120 | E225G | EPP265W | 2.76 Hours | 1.36 Hours | 4,836 Units | 72% from Solar, 28% from Grid | 53.00 Sq. Meters |
| | | Rating | 10KVA/120V | 200Ah | 265Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 10 | 20 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |
| Pack-223 | ESKP7K5/20B150C10/15S265 | Model | ESP7K5/120 | E165G | EPP265W | 8.00 Hours | 3.80 Hours | 3,625 Units | 66% from Solar, 34% from Grid | 40.00 Sq. Meters |
| | | Rating | 7.5KVA/120V | 150Ah | 265Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 20 | 15 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |
| Pack-225 | ESKP10K/20B150C10/20S265 | Model | ESP10K/120 | E165G | EPP265W | 6.50 Hours | 3.00 Hours | 4,836 Units | 48% from Solar, 52% from Grid | 53.00 Sq. Meters |
| | | Rating | 10KVA/120V | 150Ah | 265Wp | | | | | |
| | | Type | PWM | T GEL | Polycrystalline | | | | | |
| | | Qty. | 1 | 20 | 20 | | | | | |
| | | Warranty | 24 Months | 60 Months | 25 Years* | | | | | |

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