

SOLAR POWER PACKS

OFF-GRID PWM SOLAR SYSTEMS WITH TALL TUBULAR SOLAR GEL 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 class
- 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

TALL TUBULAR SOLAR GEL BATTERY FEATURES

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



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For Dealer & Distributors Stamp

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

Pack Model	System Details	Solar PCU	Battery	Solar Panels	Estimated Back Up from Solar & Battery on an average 50% Load	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
EPSK 650/300G	Model	ESP650/12	E165G	EPP100W	6.24 Hours	3 Hours	275 Units	61% from Solar, 39% from Grid	3 Sq. Meter
	Rating	650VA/12V	150Ah/12V	100Wp					
	Type	PWM	Tall Tubular GelC10	Polycrystalline					
	Qty.	1 No.	1 No.	100Wp x 3 = 300Wp					
	Warranty	24 Months	60 Months	25 Years*					
EPSK 650/450G	Model	ESP650/12	E165G	EPP150W	6.24 Hours	3 Hours	411 Units	90% from Solar, 10% from Grid	4.5 Sq. Meter
	Rating	650VA/12V	150Ah/12V	150Wp					
	Type	PWM	Tall Tubular GelC10	Polycrystalline					
	Qty.	1 No.	1 No.	150Wp x 3 = 450Wp					
	Warranty	24 Months	60 Months	25 Years*					
EPSK 850/400G	Model	ESP850/12	E165G	EPP100W	4.77 Hours	2.3 Hours	365 Units	82% from Solar, 18% from Grid	4 Sq. Meter
	Rating	850VA/12V	150Ah/12V	100Wp					
	Type	PWM	Tall Tubular GelC10	Polycrystalline					
	Qty.	1 No.	1 No.	100Wp x 4 = 400Wp					
	Warranty	24 Months	60 Months	25 Years*					
EPSK 850/600G	Model	ESP850/12	E225G	EPP150W	6.36 Hours	3.03 Hours	547 Units	90% from Solar, 10% from Grid	6 Sq. Meter
	Rating	850VA/12V	200Ah/12V	150Wp					
	Type	PWM	Tall Tubular GelC10	Polycrystalline					
	Qty.	1 No.	1 No.	150Wp x 4 = 600Wp					
	Warranty	24 Months	60 Months	25 Years*					
EPSK 1050/450G	Model	ESP1050/12	E225G	EPP150W	5.15 Hours	2.45 Hours	411 Units	68% from Solar, 32% from Grid	4.5 Sq. Meter
	Rating	1050VA/12V	200Ah/12V	150Wp					
	Type	PWM	Tall Tubular GelC10	Polycrystalline					
	Qty.	1 No.	1 No.	150Wp x 3 = 450Wp					
	Warranty	24 Months	60 Months	25 Years*					
EPSK 1050/600G	Model	ESP1050/12	E225G	EPP150W	5.15 Hours	2.45 Hours	548 Units	90% from Solar, 10% from Grid	6 Sq. Meter
	Rating	1050VA/12V	200Ah/12V	150Wp					
	Type	PWM	Tall Tubular GelC10	Polycrystalline					
	Qty.	1 No.	1 No.	150Wp x 4 = 600Wp					
	Warranty	24 Months	60 Months	25 Years*					
EPSK 1450/530G	Model	ESP1450/24	E165G	EPP265W	4.2 Hours	2 Hours	484 Units	62% from Solar, 38% from Grid	5.3 Sq. Meter
	Rating	1450VA/24V	150Ah/12V	265Wp					
	Type	PWM	Tall Tubular GelC10	Polycrystalline					
	Qty.	1 No.	2 Nos.	265Wp x 2 = 530Wp					
	Warranty	24 Months	60 Months	25 Years*					
EPSK 1450/795G	Model	ESP1450/24	E165G	EPP265W	4.2 Hours	2 Hours	725 Units	94% from Solar, 6% from Grid	7.95 Sq. Meter
	Rating	1450VA/24V	150Ah/12V	265Wp					
	Type	PWM	Tall Tubular GelC10	Polycrystalline					
	Qty.	1 No.	2 Nos.	265Wp x 3 = 795Wp					
	Warranty	24 Months	60 Months	25 Years*					
EPSK 2000/1060G	Model	ESP2K/24	E225G	EPP265W	4 Hours	2 Hours	967 Units	94% from Solar, 6% from Grid	10.6 Sq. Meter
	Rating	2000VA/24V	200Ah/12V	265Wp					
	Type	PWM	Tall Tubular GelC10	Polycrystalline					
	Qty.	1 No.	2 Nos.	265Wp x 4 = 1060Wp					
	Warranty	24 Months	60 Months	25 Years*					
EPSK 3K5/2120G	Model	ESP3K5/48	E225G	EPP265W	4.64 Hours	2.2 Hours	1933 Units	94% from Solar, 6% from Grid	21.2 Sq. Meter
	Rating	3.5KVA/48V	200Ah/12V	265Wp					
	Type	PWM	Tall Tubular GelC10	Polycrystalline					
	Qty.	1 No.	4 Nos.	265Wp x 8 = 2120Wp					
	Warranty	24 Months	60 Months	25 Years*					
EPSK 5K/2650G	Model	ESP5K/48	E225G	EPP265W	3.25 Hours	1.6 Hours	2417 Units	95% from Solar, 5% from Grid	26.5 Sq. Meter
	Rating	5KVA/48V	200Ah/12V	265Wp					
	Type	PWM	Tall Tubular GelC10	Polycrystalline					
	Qty.	1 No.	4 Nos.	265Wp x 10 = 2650Wp					
	Warranty	24 Months	60 Months	25 Years*					
EPSK 7K5/3975G	Model	ESP7K5/120	E225G	EPP265W	5.41 Hours	2.58 Hours	3625 Units	70% from Solar, 30% from Grid	39.75 Sq. Meter
	Rating	7.5KVA/120V	200Ah/12V	265Wp					
	Type	PWM	Tall Tubular GelC10	Polycrystalline					
	Qty.	1 No.	10 Nos.	265Wp x 15 = 3975Wp					
	Warranty	24 Months	60 Months	25 Years*					
EPSK 10K/5300G	Model	ESP10K/120	E225G	EPP265W	4 Hours	2 Hours	4834 Units	94% from Solar, 6% from Grid	53 Sq. Meter
	Rating	10KVA/120V	200Ah/12V	265Wp					
	Type	PWM	Tall Tubular GelC10	Polycrystalline					
	Qty.	1 No.	10 Nos.	265Wp x 20 = 5300Wp					
	Warranty	24 Months	60 Months	25 Years*					