

# EASTON®



## EXTREME ENERGY >>>





## EASTON BATTERY FEATURES

- 99.97% - 99.99% Pure lead • Full capacity/True AH output 100% factory charged battery
- Hi-efficiency grid design made of Selenium/low Antimony alloy with grain refiners for low water loss, least corrosion long life
- Low self discharge • Heavy duty terminals Ceramic water level management system with micro porous vent plugs for least environmental pollution & less topping up
- Rugged anti-corrosive additive-for longer battery life • Computerized formation -for uniform quality and peak performance
- Container made of PP Co-polymer for strength & robustness
- More ribs on container for better strength

## EASTON TUBULAR PLATES FEATURES

- Tubular technology deep cycle design suitable for longer power cuts
- Calcium alloy/ultra low maintenance and less topping-up
- PE separator - low electrical resistance, minimal self discharging & high porosity
- Cell partition welded with short electrical path for low internal resistance



## Technical Specifications

Capacity at C20 (Ah) @27°C	Overall Dimensions (mm) ±5			Charging Current (A)	Weight with Acid (kg)
	Length	Width	Height		
150 AH	505	185	420	12-15	57-58
180 AH	505	185	420	12-15	60-61
200 AH	505	185	420	12-18	63-64
220 AH	505	185	420	15-18	65-66
240 AH	505	185	420	15-18	67-68
270 AH	505	185	420	15-18	70-71
JUMBO 170 AH	505	255	305	12-15	54-55
JUMBO 180 AH	505	255	305	12-15	57-58

+Specification are subject to change without prior notice

Always register your warranty with the company for best support

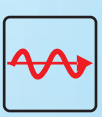
Test Gravity  $1.280 \pm 0.005$  at 27°C and ECV 1.75 V per cell

Application: Inverter/ UPS System/ Online UPS Systems/ Computer Backup/ Education Institutions/ Laboratories/ Cyber Café/STD/ EPABX/Hospital & Medical Equipments/ Hotels & Restaurants/ Solar & Wind Power





- Smart Solar Selection with three different Saving Level Zones.
- User Selectable Critical Parameter Settings.
- Remote Monitoring & Controlling through Wi-Fi/LAN/GSM/GPRS/ Android App (Optional)
- Provision to maintain the Battery gravity charging at 90V (Low Mains).
- Incorporating all the features of conventional Sine Wave Inverter.



### Technical Specifications

Capacity (VA)	1000VA, 1200VA, 1400VA / 1600VA, 2200VA
Nominal battery voltage (Vdc)	12V / 24V
Charge Controller Type	PWM
Charge Controller Rating	50A/12V / 50A/24V
Maximum PV Power	800Wp / 1600Wp
Rated Output Power (kW)	1000VA, 1200VA, 1400VA / 1600VA, 2200VA
Input Voltage Range (Voc)	23V / 46V
Input Voltage Range (Vmp)	14.5V -18V / 29V - 36V
Battery Boost volatage (Settable)	14.4V (Default setting)
Battery Low Cut (Settable)	10.6V (Default setting)
Grid charging current(Settable)	18A / 20A (Default setting)
Solar Charging Current(Settable)	40A (Default setting)
Dimensions (L*W*H) [mm]	330*325*185 mm (Net Weight 10.35 Kg) 405*370*260 mm (Net Weight 16.96 Kg)
Supported Battery Types	Flat, Tubular, VRLA(SMF)



- Smart Solar Selection with three different Saving Level Zones.
- User Selectable Critical Parameter Settings.
- Remote Monitoring & Controlling through Wi-Fi/LAN/GSM/GPRS/ Android App (Optional)
- Provision to maintain the Battery gravity charging at 90V (Low Mains).
- Incorporating all the features of conventional Sine Wave Inverter.



**FASTER  
CHARGING**



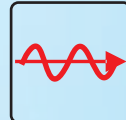
**MULTILEVEL,  
MULTIPLE SAFETY  
PROTECTIONS**



**LATEST 5TH  
GENERATION  
SEMI CONDUCTOR  
TECHNOLOGY**



**ADVANCED  
SINE WAVE  
TECHNOLOGY**



### Technical Specifications

Capacity (VA)	3KVA, 3.75KVA / 5KVA
Nominal battery voltage (Vdc)	48V / 48V
Charge Controller Type	PWM
Charge Controller Rating	50A/48V / 70A/48V
Maximum PV Power	2500Wp, 3200Wp / 4800Wp
Rated Output Power (kW)	3KVA, 3.75KVA / 5KVA
Input Voltage Range (Voc)	88V / 172V
Input Voltage Range (Vmp)	58V - 68V / 116V - 136V
Battery Boost voltage (Settable)	14.4V (Default setting)
Battery Low Cut (Settable)	10.6V (Default setting)
Grid charging current(Settable)	18A / 20A (Default setting)
Solar Charging Current(Settable)	40A (Default setting)
Dimensions (L*W*H) [mm]	400*380*465 mm (Net Weight 28.97 Kg approx) 510*370*550 mm (Net Weight 43.79 Kg approx)
Supported Battery Types	Flat, Tubular, VRLA(SMF)

### LOAD CHART

Application	900		1000		1250		1650	
	A	B	A	B	A	B	A	B
Fan	3	2	4	3	5	4	8	6
Tubelight	3	3	4	4	5	5	7	7
TV	1	-	1	-	1	-	1	-
Computer	-	1	-	1	-	1	0	1
CFL	1	-	3	-	4	-	3	-

**Note:** The above load chart calculations are indicative values only and depends upon manufacturer specification

- Tubelight- 40W CFL 15W 19-21" TV 14" TFT Monitor
- 48mm ceiling fan (3 blades, 1000-1200mm sweep)
- When PC is running TV is not recommended



Faster Charging



Life Saver



Power Guard

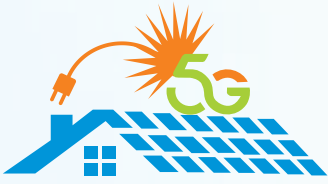
### FEATURES

- ♦ Noiseless Operation ♦ Keeps voltage within safe range
- ♦ Advanced fuzzy logic control technology reduces frequency of water topping in battery
- ♦ Minimum loss of energy while converting DC to AC

### Technical Specifications

Model	750	950	1100	1650
I/P Range(Normal mode)	120V-290V ± 10V			
I/P Range(UPS mode)	180V-265V ± 5V			
O/P Voltage Battery Mode	225V ± 17%			
O/P Frequency Battery Mode	50HZ ± 0.5HZ			
O/P Waveform Battery Mode	Pure Sine Wave / Modified Sine Wave			
Low Battery Shutdown	10.4V ± 0.2V		20.84V ± 0.4V	
Running Load	40A ± 2A	54A ± 2A	64A ± 2A	52A ± 2A
Overload	44A ± 2A	58A ± 2A	68A ± 2A	55A ± 2A
DC Voltage	12	12	12	24
Charging Current	11A ± 1A	11A ± 1A	11A ± 1A	11A ± 1A
Charging Cut off	14.2V ± 0.2V	14.2V ± 0.2V	14.2V ± 0.2V	28.4V ± 0.2V
No Load Current	<2.5A			
Battery Recommended	135AH-250AH			





# EASTON®



• INVERTER • BATTERY • SOLAR UPS • GEL BATTERY

Join us on:



## SHREEJEE POWER SYSTEMS LLP

📍 GF-395, Sumanglam Ansal Building, RDC, Raj Nagar, Ghaziabad, UP-201001 (INDIA)

☎ +91 9910504374, 9289308382 ✉ info@easton.in 🌐 www.easton.co.in