

## OUR SERVICES

- Provision of Solar Modules and Solar Power Systems
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## Taiyo-series Solar PV Battery

One of the main components of a Solar PV System is the battery. A solar PV battery functions as an electrical bank and supplies the required electrical charges to ensure availability and continuity of electricity.



The Taiyo-series Solar PV Batteries are designed for deep-cycles. Each battery is assembled from quality components to enable a product with good performance and durable. These batteries can handle >300 cycles at 80% draw-down at 20°C.

Taiyo-series Solar PV Battery – a wise choice for your solar investment.

### Features

- Non-spill design ensures safety
- Zero corrosive gas generation during normal use
- Safety seals and valves to prevent leaks
- Simple and easy to connect for use
- Can be configured for series or parallel operations
- Quality components for good performance

### Benefits

- Manufactured in an ISO9001:2000 certified facility insures product quality
- Safety concerns are addressed with innovative design and measures
- UL and CE approvals renders product confidence
- Reliable and stable performance with the use of quality components
- Long service life with minimal maintenance requirement



*A 3-cell configuration of deep-cycle batteries, installed for a typical Solar PV System.*

# Product Information

## Specifications

### 40 – 70 AH

MODEL NUMBER	FP040-06	FP055-06	FP060-06	FP070-06
Nominal Voltage (V DC)	12			
Capacity (AH)	40	50	60	70
DIMENSIONS				
Length (mm)	200	230	260	260
Breadth (mm)	165	140	170	170
Height (mm)	170	215	215	215
WEIGHT (kg)	13.3	17.5	20.0	22.2

### 80 – 120 AH

MODEL NUMBER	FP080-06	FP090-06	FP100-06	FP120-06
Nominal Voltage (V DC)	12			
Capacity (AH)	80	90	100	120
DIMENSIONS				
Length (mm)	260	310	330	410
Breadth (mm)	170	170	175	175
Height (mm)	215	215	220	225
WEIGHT (kg)	24.0	27.0	30.5	35.0

### 150 – 250 AH

MODEL NUMBER	FP150-06	FP180-06	FP200-06	FP250-06
Nominal Voltage (V DC)	12			
Capacity (AH)	150	180	200	250
DIMENSIONS				
Length (mm)	485	495	525	525
Breadth (mm)	175	205	240	270
Height (mm)	240	235	240	245
WEIGHT (kg)	44.5	54.0	61.0	73.5



### A GREEN MESSAGE

Using renewable solar energy enables us to reduce the use of fossil fuels to generate energy. Fossil fuel energy generation pollutes our environment. You are empowered to help. Do your part. Be a responsible global citizen. **SAVE GAIA.**



### Notes:

1. Taiyang-series Solar PV (Gel-type) Battery are detailed separately.
2. Daeyang-series Solar PV (VRLA) Battery are detailed separately.

3. All batteries as listed above are  and  approved.