

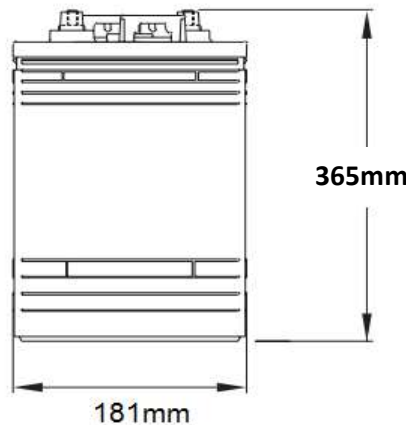
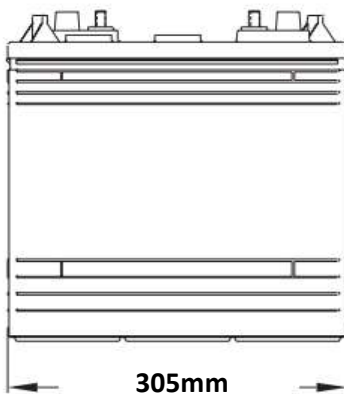
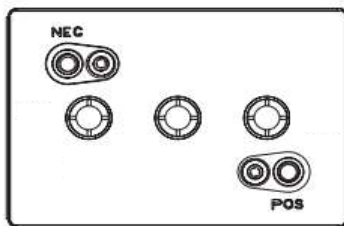
# 6TP280-PT

## DATASHEET



### Deep Cycle Flooded Battery Block

Powertech Tubular plates flooded battery blocks, provide high integrity and reliability for commercial and industrial applications. The unique design ensures cyclic stability, longer life and higher capacity than similar deep cycle batteries used in deep discharge applications.



### Key Features and Benefits

#### CYCLE LIFE

- Advanced manufacturing techniques provide a cycle life of 1100 cycles at 80% depth of discharge on temperature of 25°C
- High-density plates and reinforced grid design help the blocks withstand continual deep cycling

#### ENHANCED PERFORMANCE

- Tubular Plates with special alloy offer excellent performance

### Mechanical Specifications

Length	305 mm
Width	181 mm
Total Height	365 mm
Weight	48,00 kgr
No of Cells	3
Electrolyte S.G.	1.28
Type of Electrolyte	Flooded
Robust tubular positive plate	
Container & cover material	Polypropelene plastic
Separator Type	Microporous rubber with GM
Terminal Type	Complex*

\* SAE with hole for screw

### Electrical Specifications

Volts	6V
50% DOD Voltage cut off	5.8V
Internal Resistance	4.5 mΩ @ 25°C
Self Discharge	5-10% per month @ 25°C
Charge Temperature	-10°C to 50°C
Discharge Temperature	-20°C to 50°C

### Certifications

Magnum Power batteries are certified to multiple standards and compliance:

- ISO, UL, QS, and TUV standards

Amp Hours (AH)				Minutes of Discharge		
100 HR	20 HR	5 HR	3 HR	@25A	@56A	@75A
390	350	280	225	760	245	205



Made in Europe

# 6TP280-PT

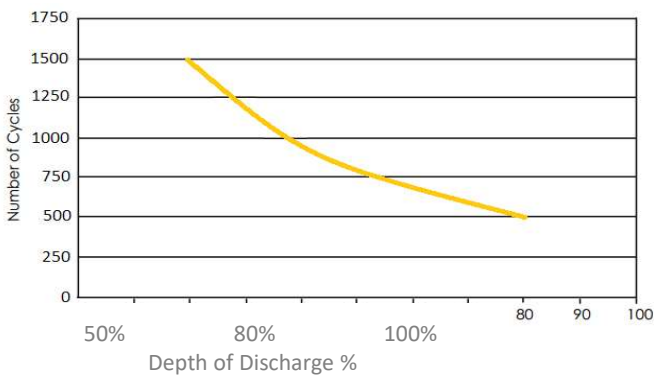
## DATASHEET



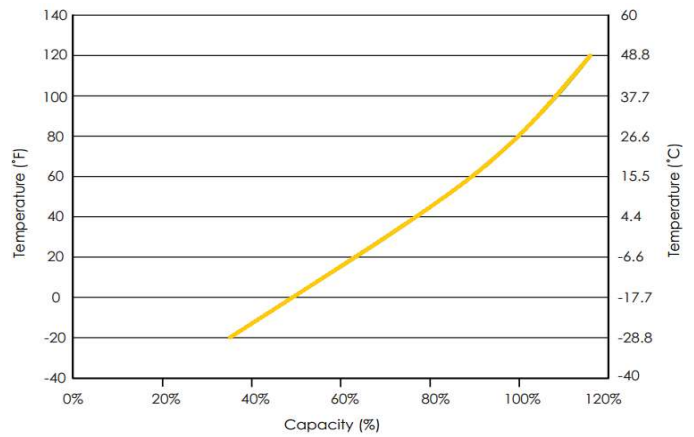
### Electrical Specifications

Max Charge/Discharge Currents	Peak (5sec)	Peak (10sec)	Max continuous	Recommended Max continuous
Charge	1C5	0.75C5	0.5C5	0.3C5
Discharge	2C5	1.5C5	1C5	0.5C5

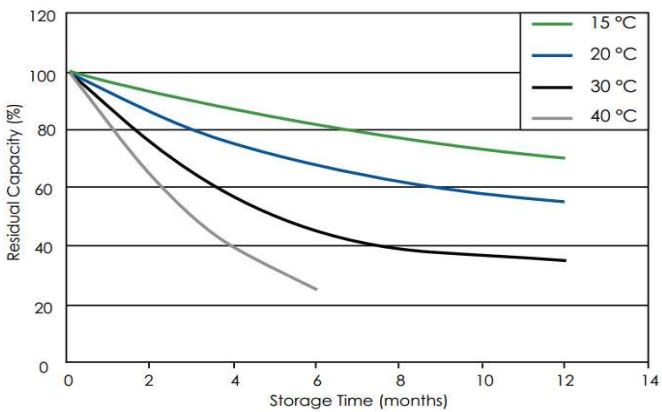
### Cycle Life in relation to Depth of Discharge



### Percent Capacity vs Temperature



### Self Discharge Rate



Updated 01-08-2023

#### Country Distributer

**GRK**  
BATTERIES

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#### Local Seler

