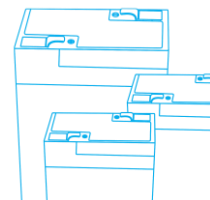


# JML-12V 25AH

## Secondary Lead Acid Battery



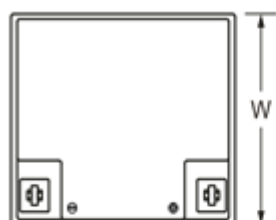
### GENERAL FEATURES

- **Long Service Life** - Thick plate design and efficient gas recombination yield a service life expectancy of up to 5 years in standby mode.
- **Low Internal Resistance** - Superb high-rate discharge characteristics ensure reliable performance in UPS and Telecom applications.
- **Maintenance-Free, Non-Spillable** - Proven VRLA technology guarantees safe operation without maintenance and 'non-restricted article' status for transportation.
- **Low Self-Discharge** - Lead-calcium alloy grids and use of high purity lead account for superior shelf-life characteristics permitting storage for extended periods of time.
- **Designed-Solar Special** - Exclusive use for Photovoltaic system, domicile and industrial solar system projects.

### PERFORMANCE SPECIFICATIONS

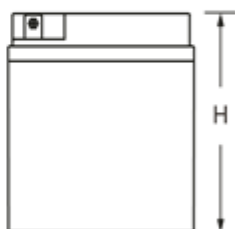
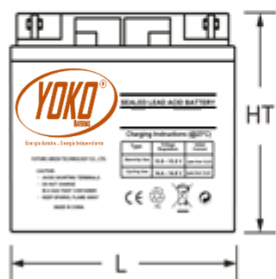
#### GENERAL FEATURES

mm



Unit: mm

Length	177±1
Width	165±1
Height	126±1
Total Height	126±1
Weight	7.3kgs±3%

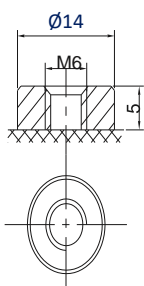
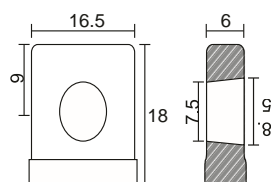


#### TERMINALS

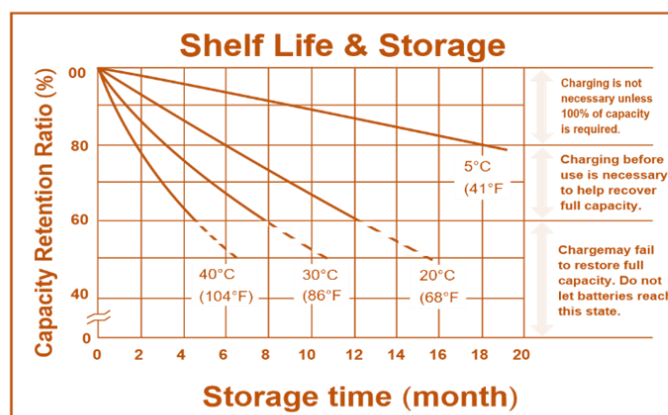
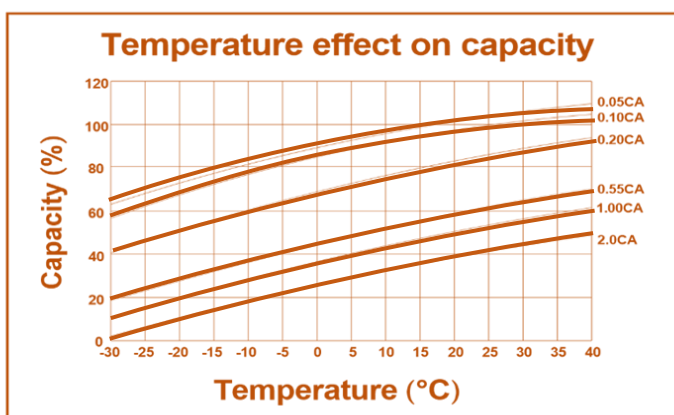
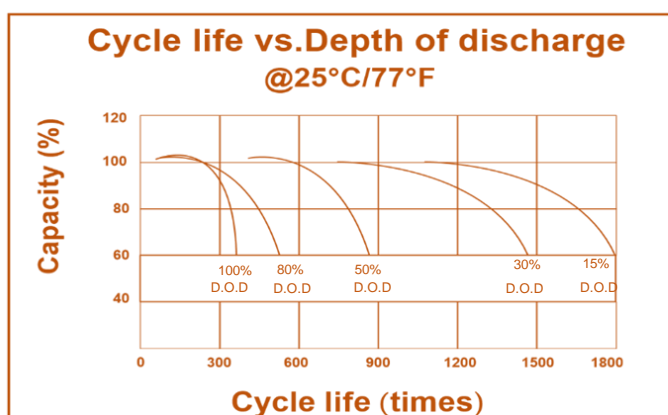
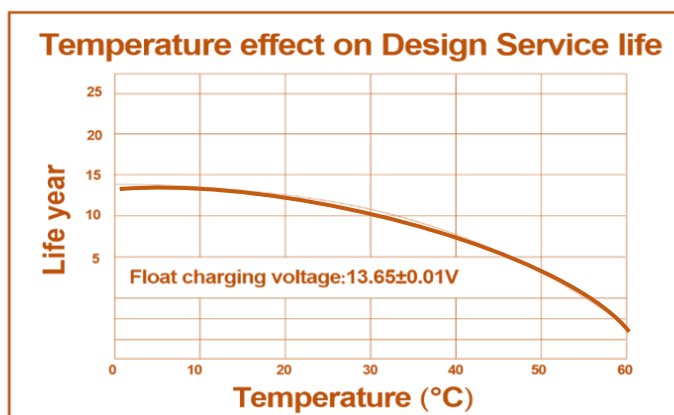
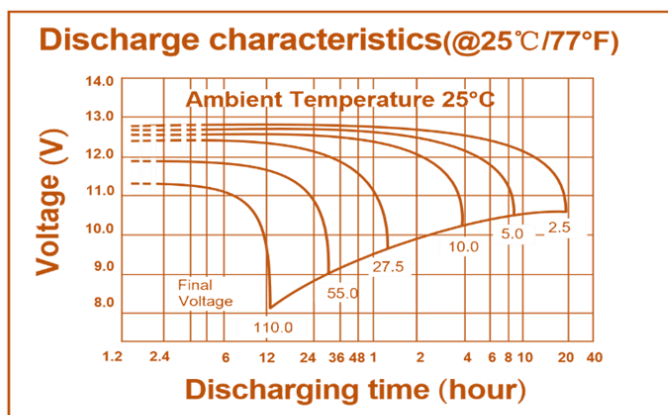
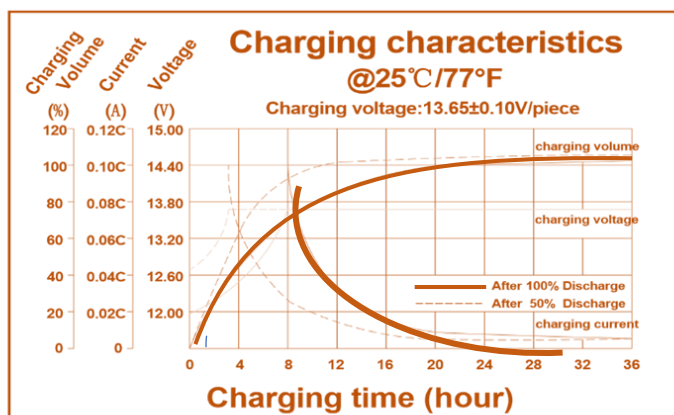
mm

• NB4: Heavy duty terminal posts with nut and bolt fasteners

• T6: Threaded Insert w.6mm stud fasteners



<b>Nominal Voltage</b>	12V (6 cells)	
<b>Design Floating Life @25°C</b>	12 Years	
<b>Nominal Capacity @25°C</b>	20 hours rate	40.00Ah
	12.0A to 10.50V	
	10 hours rate	39.0Ah
	3.90A to 10.50V	
	5 hours rate	34.25Ah
	6.85A to 10.20V	
	3 hours rate	30.3Ah
	10.1A to 9.90V	
	1 hour rate	25.0Ah
	25.0A to 9.60V	
<b>Internal Resistance</b>	Full Charged Battery @25°C	<9.5mΩ
<b>Energy Density (20-hr. rate)</b>	86.80W-h/l	
<b>Specific Energy (20-hr. rate)</b>	36.36W-h/kg	
<b>Shelf Life (nominal capacity at 20°C)</b>	1 Month	97%
	3 Months	91%
	6 Months	83%
<b>Max Discharge Current @25°C</b>	7 Min.	120.0A
<b>Max Short-Duration Discharge Current</b>	10 Sec	380.0A
<b>Standby Use Charge (Constant Voltage) @25°C</b>	Initial Charging Current Less than 12A Voltage 13.5-13.8V	
<b>Cycle Use Charge (Constant Voltage) @25°C</b>	Initial Charging Current Less than 12A Voltage 14.4-14.7 V	
<b>Operating Temperature Range</b>	<b>Charge</b>	-20°C to 50°C
	<b>Discharge</b>	-40°C to 60°C



## CONSTANT POWER DISCHARGE RATINGS

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	133.2	98.0	73.14	41.96	24.24	14.20	10.57	8.37	7.05	4.81	4.08	2.08
1.65V	128.3	94.73	70.95	41.08	23.79	13.96	10.41	8.25	6.97	4.76	4.04	2.06
1.70V	121.9	90.47	68.07	39.91	23.18	13.64	10.19	8.10	6.85	4.69	3.98	2.03
1.75V	113.3	84.77	64.21	38.33	22.35	13.20	9.90	7.89	6.69	4.59	3.91	2.00
1.80V	102.0	77.14	59.01	36.16	21.21	12.59	9.49	7.60	6.47	4.45	3.80	1.95
1.85V	86.71	66.73	51.84	33.08	19.59	11.72	8.90	7.17	6.14	4.25	3.65	1.88

**Manufacturer: FUTURE GREEN TECHNOLOGY CO.LTD.**  
Building B, Shangsheng Industry Park, Baiyun District , Guangzhou, China

[www.fget4u.com](http://www.fget4u.com)



