



6FM100G (12V100Ah)

LONGWAY® Standard battery is designed for high performance by Kaiying Power. 6FM100G is a high performance general purpose battery with up to 8 years in float service for more than 260 cycles at 100% discharge in cycle service. As with all LONGWAY® batteries, 6FM100G is a rechargeable, highly efficient, leak proof and maintenance free.



Specifications:

Type	Valve Regulated Lead-acid battery
Cells per Unit	6
Normal Voltage	12V
Capacity	20hr 100Ah@10Hr-rate to 1.80V per cell@25°C
	High rate discharge test ≥ 27 min (JISC8702)
Weight	Approx.(32.5±5% Kg)
Dimensions:	L400 x W170 x H201 mm (+2mm)
Max. permissible current	1500A(5sec)
Charge retention	$\geq 80\%$
Gas recombination	$\geq 90\%$
Resistance to shocks.	Highly resistant to Shocks . No Leakage of Electrolyte. Terminal voltage remains Normal
Resistance to vibration	No deformation or reduction in capacity
Operating Temperature Range	Discharge: -20°C~60°C Charge: -20°C~60°C Storage: -40°C~70°C
Nominal Operating Temperature Range	As per JISC8702
Float Charging Voltage	13.7~13.9VDC/unit Average @25°C
Endurance in trickle application	≥ 24 months (JISC8702)
Equalization and Cycle Service	14.4V~15.0VDC/unit Average @ 25°C
Endurance in cycle	≥ 200 cycles (JISC8702)
Maximum Charging Current	25A
Self Discharge	LONGWAY Valve Regulated Lead Acid (VRLA) batteries can be stored for more than 6 months at 25°C. Self-discharge ratio less than 3% per month at 25°C. Please charge batteries before using.
Terminal	Terminal F22
Container Material	High Grade ABS(UL94-HB) *Flammability resistance of (UL94-V0) can be available upon request



ISO 9001:2008 Standard



ISO 14001:2004 Standard



(6FM100G is available in White and Black colour)

Sealed Maintenance Free ■ Rugged Construction ■ Long Shelf Life ■ Wide Operating Temperature Range

Design Flexibility ■ Low Pressure Valve Regulators ■ Deep Discharge Recovery ■ Long Service Life

Kaiying Power is a professional Sealed Lead Acid Battery Manufacturer with core philosophy of developing advanced technology, environment friendly Sealed Lead Acid Batteries. The Manufacturing base of Kaiying Power is spread over 350 acres operation center, a 100,000 sqm of factory and has a workforce of over 1000 employees.