Overview

Essential details

Warranty:	2 Years	Chargeable:	Yes
Application:	Electric Power Systems, Solar Energy Storage Syste...	Battery Type:	VRLA
Brand Name:	SE	Model Number:	M2AL12V18CFR
Place of Origin:	Philippines	Weight:	5.4 kg
Cycle Life:	10 Years	Storage Type:	A dry and clean environment
The charging ratio:	100%	The discharge rate:	100%
Rated voltage:	12 V	Capacity(AH)C20/10	18 AH
Length:	18.15cm	Width:	7.7 cm
Height:	16.75 cm	Terminal type:	M5
Internal resistance:	≤16.2 mΩ	Net Weight:	5.4 kg
Volumetric specific energy:	92.9		

Packaging & delivery

Selling Units:	Single item
Single package size:	18.15X7.7X16.75 cm
Single gross weight:	5.400 kg
Package Type:	Package by strong kraft box.
Picture Example:	

Lead time:

Quantity(pieces)	1 - 300	>300
Lead time (days)	7	To be negotiated

Specifications

Green Premium™ energy saving Take-back transparent RoHS/REACh

Model		M2AL 12-18 CFR	M2AL 12-26 CFR	M2AL 12-38 CFR	M2AL 12-65 CFR	M2AL 12-80 CFR	M2AL 12-100 CFR
Performance parameters	Rated voltage (V)	12					
	Capacity (AH)C20/10.8V	18	26	38	65	80	100
Net external dimension (mm)	Length	181.5	166	197	325	260	329
	Width	77	175	165	167	168	174
	Hight	167.5	125	170	174	208	215
	Total height	167.5	125	170	174	214	222
Terminal form		M5	M5	M6	M6	M6	M8
Internal resistance (MΩ)		≤16.2mΩ	≤14mΩ	≤9mΩ	≤6.5mΩ	≤6.6mΩ	≤4.6mΩ
Net Weight (KG)		5.4	7.8	11.6	19.2	22.3	28.2
Volume specific energy (Wh/L)		92.9	85.9	82.5	82.6	105.7	97.5
Temperature	Discharge	-20℃ ~ 55℃					
	Charging	0℃ ~ 40℃					
	Storage	-15℃ ~ 40℃					
	Best use	25℃ ±3℃					
Voltage Battery (25#)	All charge	14.1 ~ 14.4V					
	Floating charge	13.6 ~ 13.8V					
Self discharge	1 month	98%					
	3 months	94%					
	6 months	88%					
Material of groove cover and shell		UL 94-V 0 flame retardant ABS plastic					
Design life		6 years @ 25#	10 years @ 25#				

Specification

item	value
Warranty	2 Year
Place of Origin	Philippine
Brand Name	APC-Battery
Model Number	M2AL12V18CFR
Rated Voltage	12 V
Protection	Unbalanced Loads
Capacity	18
All Charge Voltage	14.1~14.4 V
Floating Charge Voltage	13.6~13.8 V

Green Premium™ energy saving Take-back transparent RoHS/REACh



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Product Introduction



1. In accordance with GB/T19638.2-2005 fixed valve-controlled seal Lead-acid battery standard
2. Conform to YD/T799-2010 "valve-controlled lead-acid battery for communication" standard
3. Adopt UL94-V0-grade full flame retardant shell
4. 10 years design life
5. Maintenance-free during life
6. High current discharge performance is excellent
7. Low self-discharge

Application

- UPS uninterruptible power supply system
- Communication Base Station communication power supply
- Power control system and power plant emergency power supply
- Ship lighting and signal system
- Rail transit signal and monitoring system
- IDC data center
- Building Intelligent Emergency Evacuation System
- Finance, insurance and energy systems













