Overview

Essential details

Warranty:	2 Years	Chargeable:	Yes
Application:	Electric Power Systems, Solar Energy Storage Syste…	Battery Type:	VRLA
Brand Name:	SE-APC	Model Number:	M2AL12-150SFR
Place of Origin:	Philippines	Weight:	46.5Kg
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	150 AH
Length:	48.2 cm	Width:	17 cm
Height:	24 cm	Terminal type:	M8
Internal resistance:	≤3.0 mΩ	Net Weight:	46.5 kg
Volumetric specific energy:	98.4		

Packaging & delivery

Selling Units:	Single item
Single package size:	48.2X17X24 cm
Single gross weight:	46.500 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 12-38SFR	M2AL 12-65SFR	M2AL 12-75SFR	M2AL 12-100SFR	M2AL 12-120SFR	M2AL 12-150SFR	M2AL 12-200SFR	M2AL 12-250SFR
Performance parameters	Rated voltage (V)	12							
	Capacity C10/10.8V	38	65	75	100	120	150	200	250
Dimensions	Length	197	350	260	329	407	482	522	521
	Width	165	166	168	174	173	170	240	268
	High	156	156	212	215	221	240	218	221
	Total height	170	174	217	222	227	240	223	227
Terminal form		M6	M6	M6	M8	M8	M8	M8	M8
Internal resistance (mΩ)		≤9.5mΩ	≤5.4mΩ	≤5.6mΩ	≤4.8mΩ	≤3.9mΩ	≤3.0mΩ	≤2.8mΩ	≤2.7mΩ
Net Weight (kg)		14.0	21.5	23.5	30.5	35.5	46.5	64.0	75.0
Volume specific energy (Wh/L)		86.8	77.2	100.1	104.1	99.5	98.4	85.9	94.6
Temperature	Discharge	-40℃ ~ 50℃							
	Charging	-20℃ ~ 50℃							
	Storage	-20℃ ~ 40℃							
	Best use	15℃ ~ 25℃							
Voltage Battery (25#)	All charge	14.50V ~ 14.90V							
	Floating charge	13.65 ~ 13.80V							
Self discharge	1 month	98.0%							
	3 months	94.0%							
	6 months	87.0%							
Material of groove cover and shell		UL 94-V 0 flame retardant ABS plastic							
Design life		10 years @ 25#							

Specification

item	value
Warranty	2 Years
Place of Origin	Philippine
Brand Name	APC-Battery
M2AL12-120SFRModel Number	M2AL12-150SFR
Rated Voltage	12 V
Protection	Unbalanced Loads
Capacity	150 V
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



Life Is On Schneider Electric

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













