

*Power You Can
Depend On*



MPS Series

Valve Regulated Lead Acid

— Reliability & Best Value for Money



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MPS Series

MULTI PURPOSE SERIES



Valve Regulated Lead Acid Battery For Standby Power Applications

Applications

- Telecommunications
- General Purpose Applications
- Uninterrupted Power Supply (UPS)
- Other Float Applications

Features

- Robust plate for extended life
- Flame-arresting one-way pressure-relief vent for safety and long life
- Absorbent Glass Mat (AGM) technology for efficient gas recombination of up to 99% and freedom from electrolyte maintenance
- Multicell design for economy of installation and maintenance
- Computer designed lead, low Calcium alloy grid for minimal gassing and ease of recycling
- Flame retardant polypropylene case and cover
- Not restricted for air transport - Complies with IATA/ICAO Special Provision A67
- Not restricted for surface transport - classified as non-hazardous material as related to DOT-CFR Title 49 parts 171-189
- Not restricted for water transport - classified as non-hazardous material per IMDG Amendment 27
- Manufactured in accordance with ISO 9001, ISO 14001, and ISO 45001
- Designed to be compliant with international standard IEC 60896-21/22

Specifications

Model	V	Capacity/Ah (C20, 1.75V@25°C)	Dimensions mm(inch)				Weight/Kg	Terminal Type (Bolt)
			L	W	H	TH		
MPS 12-7	12	7	151	65	94	100	2.15	Faston Tab 250
MPS 12-9	12	9	151	65	94	100	2.4	Faston Tab 250
MPS 12-12	12	12	151	98	95	101	3.3	Faston Tab 250
MPS 12-18	12	18	181	76	163	166	5.5	Insert (M5)
MPS 12-26	12	26	166	175	123	125	7.9	Insert (M5)
MPS 12-40N	12	43	197	165	176	176	13.55	Insert (#10-32 UNF)
MPS 12-54	12	54	242	142	201	225	17.0	L Type (M6)
MPS 12-65N	12	67	331	166	171	174	21.3	Insert (1/4-20 UNC)
MPS 12-76R	12	76	273	174	201	224	23.3	L Type (M6)
MPS 12-100R	12	100	319	173	203	230	30.1	L Type (M6)
MPS 12-114	12	114	341	173	213	241	32.5	L Type (M6)
MPS 12-120	12	120	341	173	215	218	33.7	Insert (1/4-20 UNC)
MPS 12-150	12	150	345	173	275	278	44.7	Insert (1/4-20 UNC)
MPS 12-200	12	200	525	239	227	227	65.8	Insert (M8)
MPS 12-240	12	240	525	239	227	227	67.0	Insert (M8)
Operating Temperature Range with temperature compensation			Discharge: -40°F (-40°C) to +160°F (71°C) Charge: -10°F (-23°C) to +140°F (60°C)					
Recommended Operating Temperature Range			+74°F (23°C) to +80°F (27°C)					
Floating Charging Voltage			13.65±0.15VDC per cell at 77°F (25°C) (Recommendation: 13.65V per unit)					
Recommended Maximum Charging Current Limit			C/5 amperes @ 20 hr. rate					
Equalization and Cycle Service Charging Voltage			14.4 to 14.8 VDC/unit Average at 77°F (25°C)					
Maximum AC Ripple (Charger)			0.5% RMS or 1.5% P-P of float charge voltage recommended for best results. Maximum voltage allowed = 1.4% RMS (4% P-P). Maximum current allowed = 5.10 amperes RMS (C/20)					
Self Discharge			MPS batteries may be stored for up to 4 months at 77°F (25°C) and then a freshening charge is required. For higher temperatures the time interval will be shorter					
Accessories (Optional)			Inter unit connectors, racks and cabinet systems are available					

Note: Specifications subject to change without notification.

Batteries to be mounted with 15 mm spacing minimum and free air ventilation.

Above ratings do not include interunit connector voltage drops.

The design life listed indicates the service life under ideal service conditions. Changes in service conditions do not affect the design life, but the actual service life will be shorter than the design life.



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