

Transmission Department

Technical Specifications Sheet

Specification No.,

MPLI / KT-30/26

Total Pages: 01

DRY BATTERY

1	General Requirements: Required Dry Lead Acid Batteries for use in Flow Computers shall be spill proof , completely maintenance free, valve regulated, electrolyte in these batteries shall be gel or absorbed in fiber glass mats (AGM).	
2	PHYSICAL PROPERTIES	
1.1	Type:	Dry Sealed Lead - Acid type.
2	Voltage :	as per SOR
3	Ampere :	as per SOR
4	Literature.	Printed Technical literature / Brochure
	Date of Manufacturing :	Not more than 6 months old.
	Warranty :	1 Year.


MEHBOOB ALI
Dy. Chief Manager
MPL-I Transmission
Sui Southern Gas Co. Ltd.,


SAEED ALAM
GM (Transmission),
Sui Southern Gas Co. Ltd.

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LITHIUM ION BATTERY

1	<u>General Requirements:</u> Required Flat-ends Cylindrical Lithium Ion Rechargeable Batteries for use in Digital Pressure Gauges and Gas Leak Detectors, GPS and Transmitters with mounting jack. Completely maintenance free, Leak/spill proof.	
2	<u>Physical Properties:</u>	
2.1	Type:	Lithium Ion, Single Cell Type.
2.2	Voltage :	As per SOR
2.3	Amperes:	As per SOR
2.4	Shelf Life	10 Years
2.5	Size (Dia x Height)	14.5mm x 50.5 mm
2.6	Connector Type / Size	JST 2 mm pin-to-pin pitch
2.7	Operating Temp.	- 20°C to +75°C
2.8	Literature.	Printed technical literature or brochure
2.9	Date of Manufacturing :	Not more than 6 months old.
2.11	Warranty :	1 Year.
2.12	High and stable load voltage.	
2.13	Superior drain capacity.	
2.14	Low self-discharge rate (less than 1% after one year of storage at 20°C).	
2.15	Stainless steel container. Laser welded.	
2.16	Hermetic glass-to-metal sealing.	
2.17	Non-flamable electrolyte.	


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