

### Long Duration Telecom

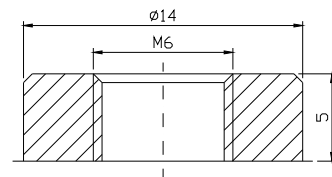
RPS Long Duration Telecom (LDT) batteries have been engineered specifically for telecommunication applications requiring reliable performance during long discharges. Flush-mount terminals on smaller batteries and front access terminals on the larger batteries provide the highest power density in size for their class and save time and money for ease of installation.

### Applications

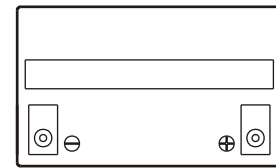
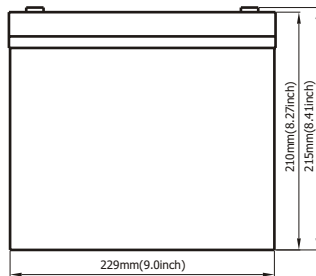
- Wireless
- Customer Premise
- Broadband
- Microwave
- Outside Plant
- FTTP/DLC

### General Features

- Front Terminal Design
- AGM Sealed Maintenance Free
- Non-Spillable Construction
- Patented O-Ring and Epoxy Resin Post Seal
- UL 1778, 1989, 924 and DOT CFR 171-189 Approved
- UL94V-0 ABS Flame Retardant Case
- Thermally Welded Case to Cover Bond
- Exceptional Deep Discharge and Fast Recovery Capability
- Low Pressure One-Way Safety Release Valve with Flame Arrestors
- Exceptional Cycle Life Capacity



Terminal 6 mm Torque 6 NM / 53in/lbs



Battery Model	LDT12-45			
Designed Floating Life	12 Years			
Capacity(25°C)	20HR(2.85A,1.75V)	10HR(5.5A,1.75V)	8HR(6.6A,1.75V)	1HR(33A,1.75V)
	57AH	55AH	52AH	33AH
Dimensions	Length	Width	Height	Total Height
	229mm(9.02inch)	138mm(5.44inch)	209mm(8.23inch)	215mm(8.46inch)
Approx. Weight	18Kg (40lbs)			
Internal Resistance	Full charged at 25°C: 0.0058 Ohm			
Self Discharge	3% of capacity declined per month at (25°C)			
Capacity Affected by Temp.(20HR)	40°C	25°C	0°C	-15°C
	102%	100%	85%	65%
Charge Voltage(25°C)	Cycle use		Float use	
	14.4-15V(-30mV/ °C), max. Current: 13A		13.6-13.8V(-20mV/ °C)	

FV/Time	1 HR	2 HR	3 HR	4 HR	5 HR	8 HR	10 HR	20 HR
1.75V	47.6	29.3	19.3	15.9	12.5	9.0	7.6	3.9
1.80V	46.5	28.7	18.8	15.5	12.2	8.9	7.5	3.8
1.85V	44.2	27.5	17.9	14.8	11.7	8.5	7.3	3.6
1.90V	42.2	26.5	17.2	14.2	11.3	8.2	7.1	3.4



ISO9001:2000 Certificate



G4M20206-0910-E-16



MH28539



RBRC

