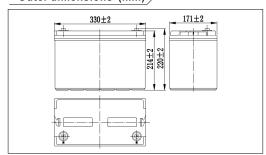


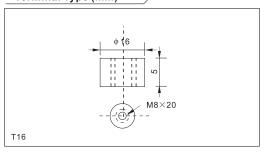
Specifications

Nomina	al Voltage	12V				
Rated capaci	ty (10 hour rate)	100Ah				
	Length	330±2mm(12.99inch)				
Dimensions	Width	171±2mm(6.73inch)				
Dimensions	Height	214±2mm(8.43inch)				
	Total Height	220±2mm(8.66inch)				
Approx	c. Weight	30.5kg(67.2lbs)±3%				

Outer dimensions (mm)



• Terminal Type (mm)



Characteristics

Applications

Characteristics									
Compositor	10HR(10.8V)	100Ah							
Capacity (25 C)	3HR(10.8V)	76.5Ah							
(-2-7)	1HR(10.5V)	56Ah							
Term	inal type	T16							
	resistance arged,25 C)	Approx.4.5m Ω							
Capacity	40 C	102%							
affected by	, 25 C	100%							
temperatur	e 0 C	85%							
(10HR)	-15 C	65%							
	3 months	Remaining Capacity:91%							
Self-discharg (25 C)	e 6 months	Remaining Capacity:82%							
(200)	12 months	Remaining Capacity:65%							
	operating erature	25 C ±3 C(77°F ±5°F)							
Operating	Discharge	-15 C~50 C(5°F~122°F)							
temperatur	e Charge	-10 C~50 C(14°F~122°F)							
range	Storage	-20 C~50 C(-4°F~122°F)							
Float chargin	ng voltage(25 C)	13.50 to 13.80V Temperature compensation: -18mV/ C							
Cyclic chargi	ng voltage(25 C)	14.50 to 15.00V Temperature compensation: -30mV/ C							
Maximum c	harging current	30A							
Maximum di	scharge current	800A(5 sec.)							
Designed flo	oating life(20 C)	10years							

Unique Features

- Longer shelf life
- √ No water topping up throughout the life
- Good cycling performance
- ✓ AGM Technology for efficient Gas Recombination

Construction

Componen	t Positive plate	Negative plate	Container	Cover	Separator	Electrolyte	Safety valve	Terminal
Raw materi	al Lead dioxide	Lead	ABS	ABS	AGM	Sulfuric acid	Rubber	Copper

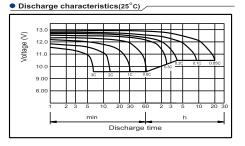
Constant Current Discharge Characteristics Unit:A(25 C,77 F)

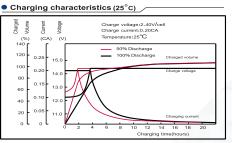
F.V/Time	10min	15min	30min	60min	2h	3h	4h	5h	8h	@C10	@C20
9.60V	222	171	103	63.0	37.3	26.8	21.4	18.3	12.6	10.4	5.50
9.90V	216	167	100	62.1	37.1	26.7	21.3	18.2	12.5	10.4	5.49
10.2V	207	161	97.4	60.5	36.7	26.5	21.2	18.1	12.4	10.3	5.48
10.5V	198	156	95.0	58.6	36.2	26.3	21.0	18.0	12.3	10.3	5.44
10.8V	187	147	91.5	56.7	35.3	25.5	20.4	17.4	12.0	10.2	5.41

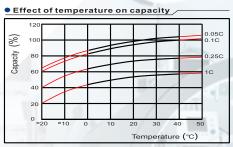
• Constant Power Discharge Characteristics Unit:W(25 C,77 F)

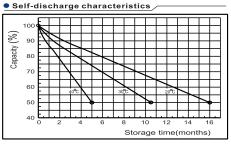
F.V/Time	10min	15min	30min	60min	2h	3h	4h	5h	8h	@C10	@C20
9.60V	2401	1882	1150	719	432	316	252	216	150	124	66.0
9.90V	2329	1836	1127	708	429	314	251	215	149	124	65.9
10.2V	2233	1769	1093	690	425	312	249	214	148	123	65.7
10.5V	2137	1708	1066	668	419	309	247	212	147	123	65.3
10.8V	2017	1618	1027	647	408	300	240	206	142	122	64.9

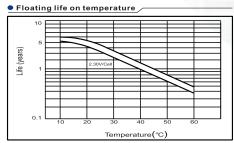
Note: The above characteristics data can be obtained within three charge or discharge cycles.

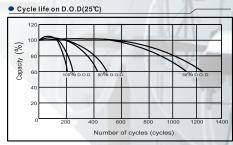


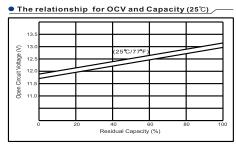


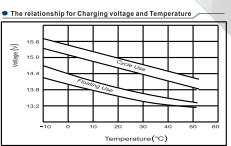












Certification (Coc (TC) (100) (100)



EASTMAN AUTO & POWER LTD.









AMPS MIDDLE EAST FZ LLC