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POWER SUPPLY BATTERY PRODUCT CATALOGUE





COMPANY INTRODUCTION

HUAWEI POWER is one of the leading companies in the industry of lead acid battery manufacturing. Established in 1997, it has grown into a large comprehensive enterprise integrating R&D, production and marketing. With more than 20 years of development, our motorcycle starter batteries, e-bike batteries, UPS batteries, energy storage batteries, housing power system, as well as plastics & hardware accessories, excel in the fast-growing global market.

HUAWEI POWER wholly-owned subsidiaries

- ZHANGZHOU HUAWEI POWER SUPPLY TECHNOLOGY CO., LTD.
- THAIHUAWEI BATTERY CO., LTD.
- JINJIANG HUAWEI POWER SOURCE CO.,LTD.
- HUAWEI POWER SOURCE (HONG KONG) CO., LIMITED
- WHOLE WAY TRADING LLC (MIDDLE EAST)
- PT. INDO HUAWEI BATERAI(INDONESIA)
- BENIN HUAWEI BATTERY CO.,LTD.
- TUNELSAN ELECTRONIC INDUSTRY TRADE CO., LTD.
- THAI OUTDO POWER TECHNOLOGY CO.,LTD

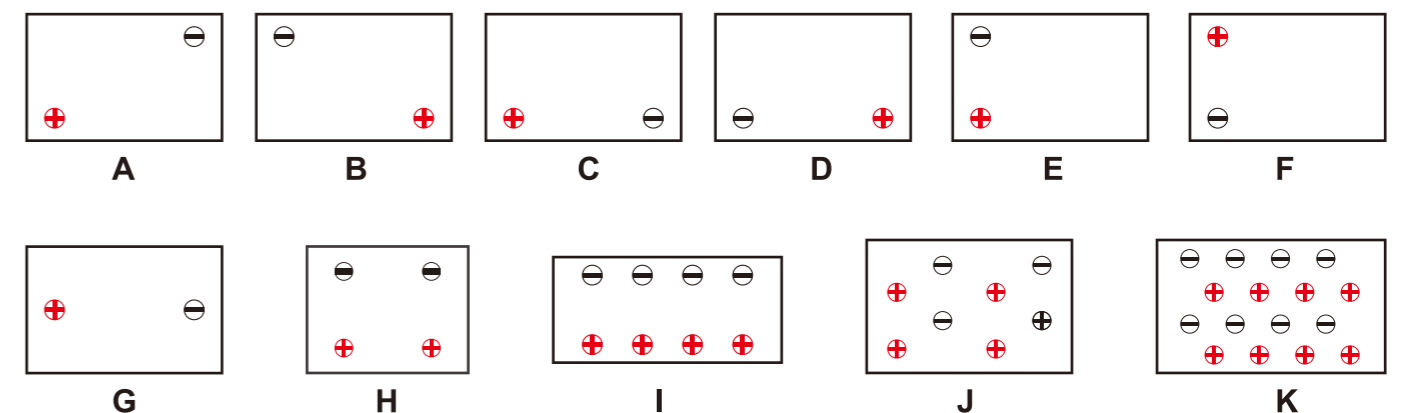


TERMINAL TYPE

Type	Illustration	Plane Chart(mm)	Type	Illustration	Plane Chart(mm)
B1			B10		
B2			B11		
B3			F0		
B4			F1		
B5			F2		
B6			L0		
B7			L1		
B8			L2		
B9			W		

Type	Illustration	Plane Chart(mm)	Type	Illustration	Plane Chart(mm)
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T1			T6		
T2			T7		
T3			T8		
T4			T4		

POST POSITION



IC-Power(DC)

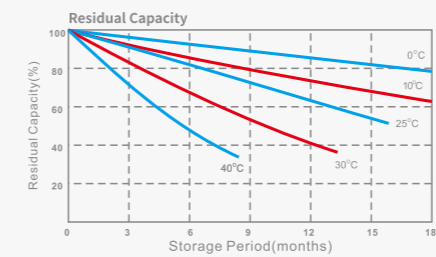
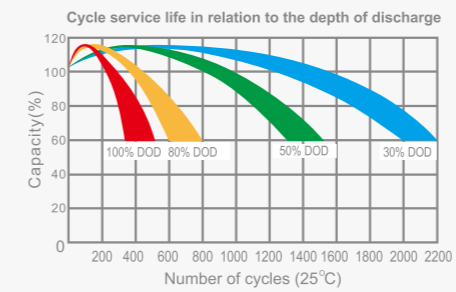
Housing Power System OTD Series



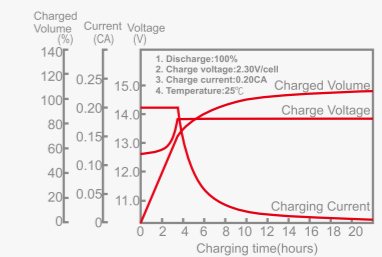
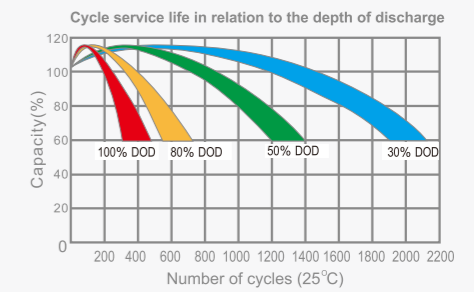
The system is equipped with digital screen, charging port, USB port, DC5521 port, home power system Digital display with real-time view voltage, system power, system use of days, etc.

Note: The data and the products in catalogs are for reference only. The actual product may differ.

GEL Long Life Models



GEL Deep Cycle Models



Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OTD33(GEL)/A	12	33	20	195*132*168*168	7.68*5.2*6.61*6.61	10.60	T1	C
OTD33(GEL)	12	33	20	195*132*168*168	7.68*5.2*6.61*6.61	9.90	T1	C
OTD38(GEL)	12	38	10	196*166*173*173	7.72*6.54*6.81*6.81	12.60	T1	D
OTD55(GEL)	12	55	10	228*137*214*214	8.98*5.39*8.43*8.43	16.70	T1	C
OTD65(GEL)	12	65	10	350*167*173*173	13.78*6.57*6.81*6.81	20.90	T3	D
OTD75(GEL)	12	75	10	260*168*219*219	10.24*6.61*8.62*8.62	22.90	T1	C
OTD85(GEL)	12	85	10	260*168*219*219	10.24*6.61*8.62*8.62	25.40	T1	C
OTD100(GEL)	12	100	10	333*173*216*222	13.11*6.81*8.5*8.74	30.90	T3	C
OTD100(GEL)/A	12	100	10	333*173*216*222	13.11*6.81*8.5*8.74	31.50	T3	C
OTD120(GEL)	12	120	10	406*172*223*228	15.98*6.77*8.78*8.98	36.80	T2	C
OTD150(GEL)	12	150	10	484*170*241*241	19.06*6.69*9.49*9.49	43.20	T3	C
OTD200(GEL)	12	200	10	522*239*217*222	20.55*9.41*8.54*8.74	60.90	T3	E
OTD200(GEL)/A	12	200	10	522*239*217*222	20.55*9.41*8.54*8.74	63.70	T3	E
OTD250(GEL)	12	250	10	520*269*222*225	20.47*10.59*8.74*8.86	73.10	T2	E
OTD40(GEL)/LL	12	40	10	196*166*173*173	7.72*6.54*6.81*6.81	13.90	T1	D
OTD65(GEL)/LL	12	65	10	350*167*173*173	13.78*6.57*6.81*6.81	23.30	T3	D
OTD100(GEL)/LL	12	100	10	333*173*216*222	13.11*6.81*8.5*8.74	32.40	T3	C
OTD120(GEL)/LL	12	120	10	406*172*223*228	15.98*6.77*8.78*8.98	38.40	T2	C
OTD150(GEL)/LL	12	150	10	484*170*241*241	19.06*6.69*9.49*9.49	47.80	T3	C
OTD200(GEL)/LL	12	200	10	522*239*217*222	20.55*9.41*8.54*8.74	63.60	T3	E

Note: The data and the products in catalogs are for reference only. The actual product may differ.

DS-iGEL

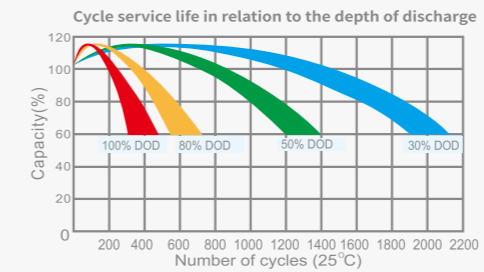
Digital Screen Intelligent Gel Storage Battery



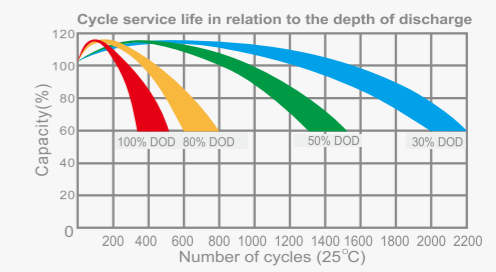
This battery is equipped with digital screen, battery Digital display with real-time view voltage, system power, system use of days, etc.

Note: The data and the products in catalogs are for reference only. The actual product may differ.

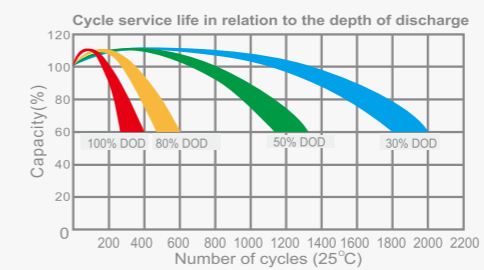
GEL Deep Cycle Series



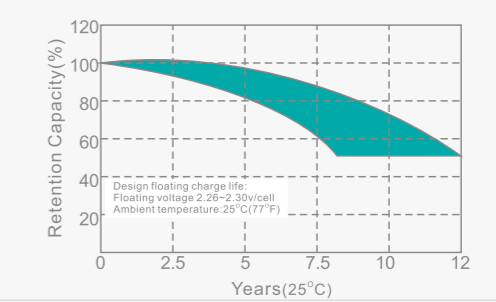
GEL Long Life Series



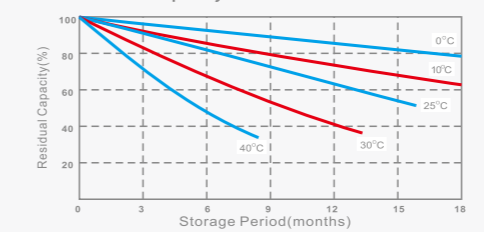
GEL Energy Storage Series



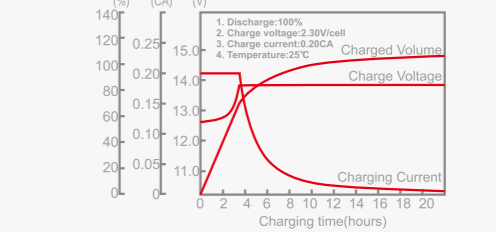
Float Life



Residual Capacity



Charging Characteristics



GEL Series

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT33-12(GEL)/DS-A	12	33	20	195*132*168*168	7.68*5.2*6.61*6.61	10.60	T1	C
OT33-12(GEL)/DS	12	33	20	195*132*168*168	7.68*5.2*6.61*6.61	9.90	T1	C
OT40-12(GEL)/DS	12	40	20	196*166*173*173	7.72*6.54*6.81*6.81	12.60	T1	D
OT55-12(GEL)/DS	12	55	20	228*137*214*214	8.98*5.39*8.43*8.43	16.70	T1	C
OT65-12(GEL)/DS	12	65	10	350*167*173*173	13.78*6.57*6.81*6.81	20.90	T3	D
OT75-12(GEL)/DS	12	75	10	260*168*219*219	10.24*6.61*8.62*8.62	22.90	T1	C
OT85-12(GEL)/DS	12	85	10	260*168*219*219	10.24*6.61*8.62*8.62	25.40	T1	C
OT100-12(GEL)/DS	12	100	10	333*173*216*222	13.11*6.81*8.5*8.74	30.90	T3	C
OT100-12(GEL)/DS-A	12	100	10	333*173*216*222	13.11*6.81*8.5*8.74	31.50	T3	C

Note: The data and the products in catalogs are for reference only. The actual product may differ.

Deep Cycle Series

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT120-12(GEL)/DS	12	120	10	406*172*223*228	15.98*6.77*8.78*8.98	36.80	T2	C
OT150-12(GEL)/DS	12	150	10	483*170*241*241	19.02*6.69*9.49*9.49	43.20	T3	C
OT200-12(GEL)/DS	12	200	10	522*239*217*222	20.55*9.41*8.54*8.74	60.90	T3	E
OT250-12(GEL)/DS	12	250	10	520*269*222*225	20.47*10.59*8.74*8.86	73.10	T2	E
OT40-12(GEL)/DS/LL	12	40	20	196*166*173*173	7.72*6.54*6.81*6.81	13.90	T1	D
OT65-12(GEL)/DS/LL	12	65	10	350*167*173*173	13.78*6.57*6.81*6.81	23.30	T3	D
OT100-12(GEL)/DS/LL	12	100	10	333*173*216*222	13.11*6.81*8.5*8.74	32.40	T3	C
OT120-12(GEL)/DS/LL	12	120	10	406*172*223*228	15.98*6.77*8.78*8.98	38.40	T2	C
OT150-12(GEL)/DS/LL	12	150	10	483*170*241*241	19.02*6.69*9.49*9.49	47.80	T3	C
OT200-12(GEL)/DS/LL	12	200	10	522*239*217*222	20.55*9.41*8.54*8.74	63.60	T3	E

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT33-12(GEL)/DS/CD-A	12	33	20	195*132*168*168	7.68*5.2*6.61*6.61	10.60	T1	C
OT33-12(GEL)/DS/CD	12	33	20	195*132*168*168	7.68*5.2*6.61*6.61	9.90	T1	C
OT38-12(GEL)/DS/CD	12	38	10	196*166*173*173	7.72*6.54*6.81*6.81	12.60	T1	D
OT55-12(GEL)/DS/CD	12	55	10	228*137*214*214	8.98*5.39*8.43*8.43	16.70	T1	C
OT65-12(GEL)/DS/CD	12	65	10	350*167*173*173	13.78*6.57*6.81*6.81	20.90	T3	D
OT75-12(GEL)/DS/CD	12	75	10	260*168*219*219	10.24*6.61*8.62*8.62	22.90	T1	C
OT85-12(GEL)/DS/CD	12	85	10	260*168*219*219	10.24*6.61*8.62*8.62	25.40	T1	C
OT100-12(GEL)/DS/CD	12	100	10	333*173*216*222	13.11*6.81*8.5*8.74	30.90	T3	C
OT100-12(GEL)/DS/CD-A	12	100	10	333*173*216*222	13.11*6.81*8.5*8.74	31.50	T3	C
OT120-12(GEL)/DS/CD	12	120	10	406*172*223*228	15.98*6.77*8.78*8.98	36.80	T2	C
OT150-12(GEL)/DS/CD	12	150	10	484*170*241*241	19.06*6.69*9.49*9.49	43.20	T3	C
OT200-12(GEL)/DS/CD	12	200	10	522*239*217*222	20.55*9.41*8.54*8.74	60.90	T3	E
OT200-12(GEL)/DS/CD-A	12	200	10	522*239*217*222	20.55*9.41*8.54*8.74	63.70	T3	E
OT250-12(GEL)/DS/CD	12	250	10	520*269*222*225	20.47*10.59*8.74*8.86	73.10	T2	E

GEL Energy Storage Series

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT33-12(GEL)/DS/CN-A	12	33	20	195*132*168*168	7.68*5.2*6.61*6.61	10.60	T1	C
OT33-12(GEL)/DS/CN	12	33	20	195*132*168*168	7.68*5.2*6.61*6.61	9.90	T1	C
OT38-12(GEL)/DS/CN	12	38	10	196*166*173*173	7.72*6.54*6.81*6.81	12.60	T1	D
OT55-12(GEL)/DS/CN	12	55	10	228*137*214*214	8.98*5.39*8.43*8.43	16.70	T1	C
OT65-12(GEL)/DS/CN	12	65	10	350*167*173*173	13.78*6.57*6.81*6.81	20.90	T3	D
OT75-12(GEL)/DS/CN	12	75	10	260*168*219*219	10.24*6.61*8.62*8.62	22.90	T1	C
OT85-12(GEL)/DS/CN	12	85	10	260*168*219*219	10.24*6.61*8.62*8.62	25.40	T1	C
OT100-12(GEL)/DS/CN	12	100	10	333*173*216*222	13.11*6.81*8.5*8.74	30.90	T3	C
OT100-12(GEL)/DS/CN-A	12	100	10	333*173*216*222	13.11*6.81*8.5*8.74	31.50	T3	C
OT120-12(GEL)/DS/CN	12	120	10	406*172*223*228	15.98*6.77*8.78*8.98	36.80	T2	C
OT150-12(GEL)/DS/CN	12	150	10	484*170*241*241	19.06*6.69*9.49*9.49	43.20	T3	C
OT150-12(GEL)/DS/CN-A	12	150	10	484*170*241*241	19.06*6.69*9.49*9.49	44.70	T3	C
OT200-12(GEL)/DS/CN	12	200	10	522*239*217*222	20.55*9.41*8.54*8.74	60.90	T3	E
OT200-12(GEL)/DS/CN-A	12	200	10	522*239*217*222	20.55*9.41*8.54*8.74	63.70	T3	E
OT250-12(GEL)/DS/CN	12	250	10	520*269*222*225	20.47*10.59*8.74*8.86	73.10	T2	E

Long Life Series

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT40-12(GEL)/DS/CL	12	40	10	196*166*173*173	7.72*6.54*6.81*6.81	13.90	T1	D
OT65-12(GEL)/DS/CL	12	65	10	350*167*173*173	13.78*6.57*6.81*6.81	23.30	T3	D
OT100-12(GEL)/DS/CL	12	100	10	333*173*216*222	13.11*6.81*8.5*8.74	32.40	T3	C
OT120-12(GEL)/DS/CL	12	120	10	406*172*223*228	15.98*6.77*8.78*8.98	38.40	T2	C
OT150-12(GEL)/DS/CL	12	150	10	484*170*241*241	19.06*6.69*9.49*9.49	47.80	T3	C
OT200-12(GEL)/DS/CL	12	200	10	522*239*217*222	20.55*9.41*8.54*8.74	63.60	T3	E

Note: The data and the products in catalogs are for reference only. The actual product may differ.

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Energy Storage GEL Battery

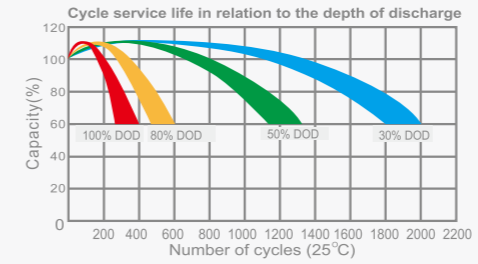
Rechargeable Sealed Lead-Acid Battery



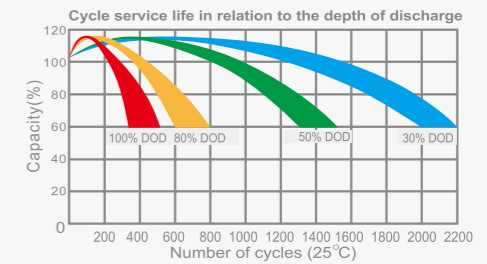
Energy storage battery applications solar power off-grid systems, wind power systems, wind and PV hybrid power systems, solar power energy storage systems for domestic use, solar power street lighting, traffic lights, navigation lights, natteded highways, railway communication power supply and some other cycle use DC energy storage power applications.

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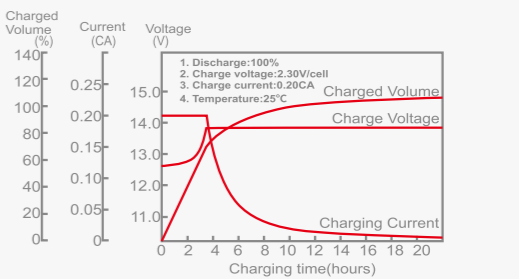
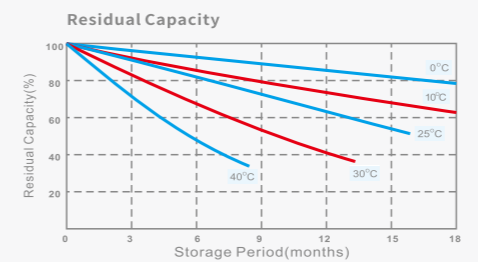
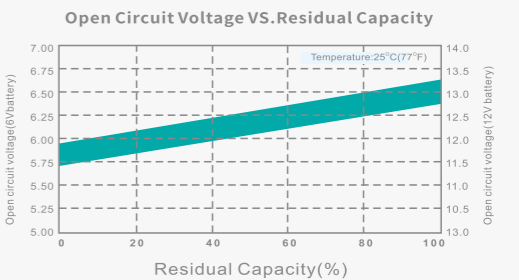
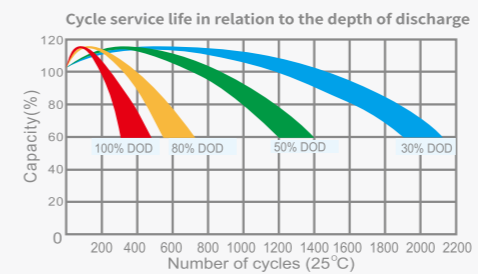
GEL Energy Storage Series



GEL Long Life Series



GEL Deep Cycle Series



Energy Storage Series

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT4-12/CN	6	4	20	90*70*100*106	3.54*2.76*3.94*4.17	1.61	F1	C
OT5-12/CN	6	5	20	90*70*100*106	3.54*2.76*3.94*4.17	1.68	F1	C
OT7-12/CN	6	7	20	151*65*94*100	5.94*2.56*3.7*3.94	2.19	F1	F
OT7-12/CN	6	7	20	151*65*94*100	5.94*2.56*3.7*3.94	2.19	F2	F
OT8-12/CN-A	6	8	20	151*65*94*100	5.94*2.56*3.7*3.94	2.53	F2	F
OT8-12/CN	6	8	20	151*65*94*100	5.94*2.56*3.7*3.94	2.32	F2	F
OT9-12/CN	12	9	20	151*65*94*100	5.94*2.56*3.7*3.94	2.40	F2	F
OT10-12/CN	12	10	20	151*98*95*101	5.94*3.86*3.74*3.98	3.28	F2	F
OT12-12/CN	12	12	20	151*98*95*101	5.94*3.86*3.74*3.98	3.54	F2	F

Note: The data and the products in catalogs are for reference only. The actual product may differ.

GEL Deep Cycle Series

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT17-12/CN	12	17	20	181*77*167*167	7.13*3.03*6.57*6.57	5.18	L1	D
OT20-12/CN	12	20	20	181*77*167*167	7.13*3.03*6.57*6.57	6.08	L1	D

GEL Energy Storage Series

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT24-12(GEL)/CN	12	24	20	175*166*125*125	6.89*6.54*4.92*4.92	7.50	L2	E
OT24-12(GEL)/CN	12	24	20	175*166*125*125	6.89*6.54*4.92*4.92	7.50	T0	E
OT38-12(GEL)/CN	12	38	10	196*166*173*173	7.72*6.54*6.81*6.81	12.60	T1	D
OT55-12(GEL)/CN	12	55	10	228*137*211*216	8.98*5.39*8.31*8.5	16.80	T1	C
OT65-12(GEL)/CN	12	65	10	350*167*173*173	13.78*6.57*6.81*6.81	20.60	T3	D
OT75-12(GEL)/CN	12	75	10	260*168*212*219	10.24*6.61*8.35*8.62	22.90	T1	C
OT85-12(GEL)/CN	12	85	10	260*168*212*219	10.24*6.61*8.35*8.62	25.40	T1	C
OT90-12(GEL)/CN	12	90	10	307*169*208*213	12.09*6.65*8.19*8.39	27.00	T1	C
OT100-12(GEL)/CN	12	100	10	333*173*216*222	13.11*6.81*8.5*8.74	30.50	T3	C
OT100-12(GEL)/CN-A	12	100	10	333*173*216*222	13.11*6.81*8.5*8.74	31.20	T3	C
OT120-12(GEL)/CN	12	120	10	406*172*208*237	15.98*6.77*8.19*9.33	36.60	T2	C
OT150-12(GEL)/CN	12	150	10	484*170*241*241	19.06*6.69*9.49*9.49	42.50	W	C
OT200-12(GEL)/CN	12	200	10	522*239*217*222	20.55*9.41*8.54*8.74	60.20	T3	E
OT200-12(GEL)/CN	12	200	10	522*239*217*222	20.55*9.41*8.54*8.74	60.20	W	E
OT200-12(GEL)/CN	12	200	10	522*239*217*242	20.55*9.41*8.54*9.53	60.20	B6	E
OT250-12(GEL)/CN	12	250	10	520*269*220*225	20.47*10.59*8.66*8.86	72.30	T2	E

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT100-2(GEL)/CD	2	100	10	171*72*206*214	6.73*2.83*8.11*8.43	5.85	B6	A
OT200-2(GEL)/CD	2	200	10	173*111*328*365	6.81*4.37*12.91*14.37	13.40	T5	A
OT300-2(GEL)/CD	2	300	10	171*151*333*365	6.73*5.94*13.11*14.37	19.20	T5	A
OT400-2(GEL)/CD	2	400	10	211*175*328*367	8.31*6.89*12.91*14.45	26.50	T5	H
OT500-2(GEL)/CD	2	500	10	242*173*329*367	9.53*6.81*12.95*14.45	31.00	T5	H
OT600-2(GEL)/CD	2	600	10	301*175*331*365	11.85*6.89*13.03*14.37	38.20	T5	H
OT800-2(GEL)/CD	2	800	10	409*177*330*365	16.1*6.97*12.99*14.37	53.20	T5	I
OT1000-2(GEL)/CD	2	1000	10	475*175*328*365	18.7*6.89*12.91*14.37	62.00	T5	I
OT1500-2(GEL)/CD	2	1500	10	401*351*343*382	15.79*13.82*13.5*15.04	98.50	T5	J
OT24-12(GEL)/CD	12	24	20	175*166*125*125	6.89*6.54*4.92*4.92	7.50	T0	E
OT24-12(GEL)/CD	12	24	20	175*166*125*125	6.89*6.54*4.92*4.92	7.50	L2	E
OT33-12(GEL)/CD	12	33	20	194*132*170*174	7.64*5.2*6.69*6.85	9.90	T1	C
OT33-12(GEL)/CD-A	12	33	20	194*132*170*174	7.64*5.2*6.69*6.85	10.50	T1	C
OT33-12(GEL)/CD-A	12	33	20	195*130*153*166	7.68*5.12*6.02*6.54	10.35	T1	C
OT33-12(GEL)/CD-A	12	33	20	195*130*153*180	7.68*5.12*6.02*7.09	10.35	B8	C
OT38-12(GEL)/CD	12	38	10	196*166*173*173	7.72*6.54*6.81*6.81	12.60	T1	D
OT65-12(GEL)/CD	12	65	10	350*167*173*173	13.78*6.57*6.81*6.81	20.60	T3	D
OT75-12(GEL)/CD	12	75	10	260*168*212*219	10.24*6.61*8.35*8.62	22.90	T1	C
OT85-12(GEL)/CD	12	85	10	260*168*212*219	10.24*6.61*8.35*8.62	25.40	T1	C
OT90-12(GEL)/CD	12	90	10	307*169*208*213	12.09*6.65*8.19*8.39	27.00	T1	C
OT100-12(GEL)/CD	12	100	10	333*173*216*222	13.11*6.81*8.5*8.74	30.50	T3	C
OT100-12(GEL)/CD-A	12	100	10	333*173*216*222	13.11*6.81*8.5*8.74	31.20	T3	C
OT120-12(GEL)/CD	12	120	10	406*172*208*237	15.98*6.77*8.19*9.33	36.60	T2	C
OT150-12(GEL)/CD	12	150	10	484*170*241*241	19.06*6.69*9.49*9.49	42.50	T3	C
OT150-12(GEL)/CD-A	12	150	10	484*170*241*241	19.06*6.69*9.49*9.49	44.00	T3	C
OT150-12(GEL)/CD	12	150	10	484*170*241*241	19.06*6.69*9.49*9.49	42.50	W	C
OT200-12(GEL)/CD	12	200	10	522*239*217*222	20.55*9.41*8.54*8.74	60.20	T3	E
OT200-12(GEL)/CD	12	200	10	522*239*217*222	20.55*9.41*8.54*8.74	60.20	W	E
OT200-12(GEL)/CD	12	200	10	522*239*217*242	20.55*9.41*8.54*9.53	60.20	B6	E
OT250-12(GEL)/CD	12	250	10	520*269*220*225	20.47*10.59*8.66*8.86	72.30	T2	E

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Deep Cycle Series

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT4-12/CD	12	4	20	90*70*100*106	3.54*2.76*3.94*4.17	1.61	F1	C
OT5-12/CD	12	5	20	90*70*100*106	3.54*2.76*3.94*4.17	1.68	F1	C
OT7-12/CD	12	7	20	151*65*94*100	5.94*2.56*3.7*3.94	2.19	F1	F
OT7-12/CD	12	7	20	151*65*94*100	5.94*2.56*3.7*3.94	2.19	F2	F
OT8-12/CD-A	12	8	20	151*65*94*100	5.94*2.56*3.7*3.94	2.53	F2	F
OT8-12/CD	12	8	20	151*65*94*100	5.94*2.56*3.7*3.94	2.32	F2	F
OT9-12/CD	12	9	20	151*65*94*100	5.94*2.56*3.7*3.94	2.40	F2	F
OT10-12/CD	12	10	20	151*98*95*101	5.94*3.86*3.74*3.98	3.28	F2	F
OT12-12/CD	12	12	20	151*98*95*101	5.94*3.86*3.74*3.98	3.54	F2	F
OT17-12/CD	12	17	20	181*77*167*167	7.13*3.03*6.57*6.57	5.18	L1	D
OT17-12/CD	12	17	20	181*77*167*167	7.13*3.03*6.57*6.57	5.18	B10	D
OT20-12/CD	12	20	20	181*77*167*167	7.13*3.03*6.57*6.57	6.08	B10	D
OT20-12/CD	12	20	20	181*77*155*155	7.13*3.03*6.1*6.1	6.08	T7	D
OT20-12/CD	12	20	20	181*77*167*167	7.13*3.03*6.57*6.57	6.08	L1	D

GEL Long Life Series

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT33-12(GEL)/CL	12	33	20	195*130*158*180	7.68*5.12*6.22*7.09	10.35	B8	C
OT40-12(GEL)/CL	12	40	10	196*166*173*173	7.72*6.54*6.81*6.81	13.90	T1	D
OT55-12(GEL)/CL	12	55	10	228*138*205*222	8.98*5.43*8.07*8.74	16.80	B2	C
OT55-12(GEL)/CL	12	55	10	228*137*211*216	8.98*5.39*8.31*8.5	16.80	T1	C
OT65-12(GEL)/CL	12	65	10	350*167*173*173	13.78*6.57*6.81*6.81	22.9	T3	D
OT100-12(GEL)/CL	12	100	10	333*173*216*222	13.11*6.81*8.5*8.74	32.5	T3	C
OT120-12(GEL)/CL	12	120	10	406*172*208*237	15.98*6.77*8.19*9.33	38	T2	C
OT150-12(GEL)/CL	12	150	10	484*170*241*241	19.06*6.69*9.49*9.49	47.2	T3	C
OT150-12(GEL)/CL	12	150	10	484*170*241*241	19.06*6.69*9.49*9.49	47.2	W	C
OT200-12(GEL)/CL	12	200	10	522*239*217*222	20.55*9.41*8.54*8.74	63.3	W	E
OT200-12(GEL)/CL	12	200	10	522*239*217*222	20.55*9.41*8.54*8.74	63.3	T3	E

Gel Deep Cycle Front Terminal Series

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT55-12(GEL)/FT/CD	12	55	20	291*106*223*231	11.46*4.17*8.78*9.09	15.70	T6	E
OT75-12(GEL)/FT/CD	12	75	10	562*114*187*194	22.13*4.49*7.36*7.64	25.40	T2	E
OT100-12(GEL)/FT/CD	12	100	10	410*110*287*295	16.14*4.33*11.3*11.61	31.70	T2	E
OT105-12(GEL)/FT/CD	12	105	10	507*110*223*235	19.96*4.33*8.78*9.25	31.00	T3	E
OT150-12(GEL)/FT/CD	12	150	10	565*110*288*296	22.24*4.33*11.34*11.65	45.30	T2	E
OT180-12(GEL)/FT/CD	12	180	10	561*125*318*318	22.09*4.92*12.52*12.52	54.20	T2	E
OT200-12(GEL)/FT/CD	12	200	10	561*125*318*318	22.09*4.92*12.52*12.52	59.50	T2	E



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Industrial Battery

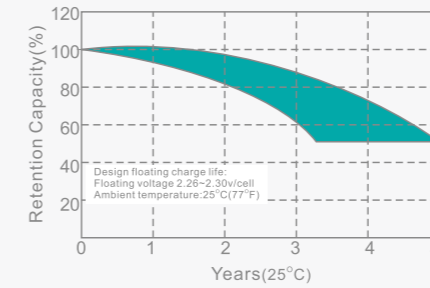
Rechargeable Sealed Lead-Acid Battery



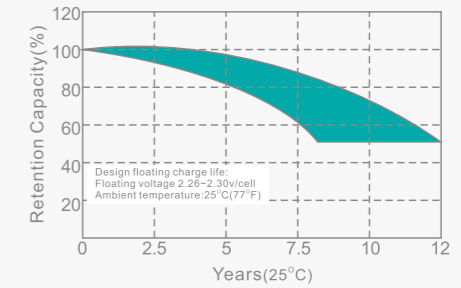
Energy storage battery applications solar power off-grid systems, wind power systems, wind and PV hybrid power systems, solar power energy storage systems for domestic use, solar power street lighting, traffic lights, navigation lights, natteded highways, railway communication power supply and some other cycle use DC energy storage power applications.

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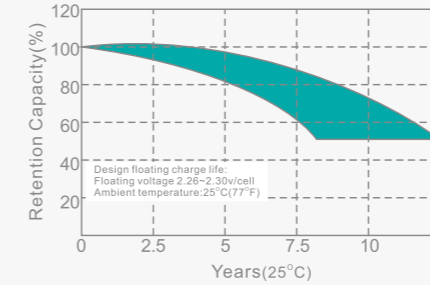
Float Life(Small Series)



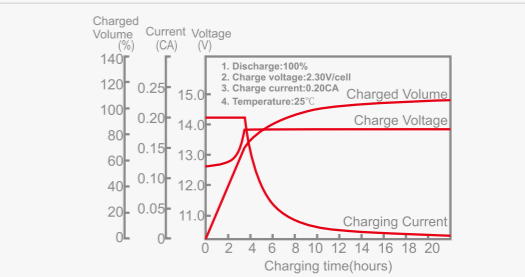
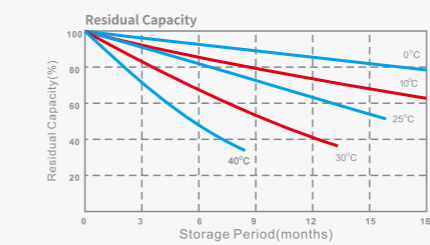
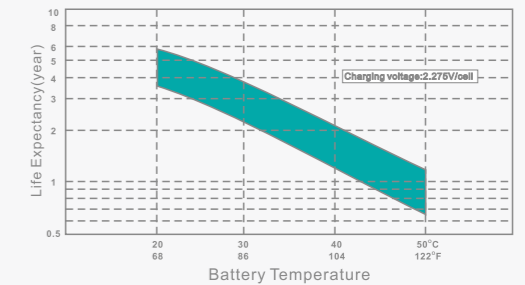
Float Life(Large Series)



Float Life(Long Life Series)



Effect of Temperature on Float Life



VRLA-AGM Battery-Small Series

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT4-4	4	4	20	48*48*102*108	1.89*1.89*4.02*4.25	0.47	F1	D
OT4.5-4	4	4.5	20	48*48*102*108	1.89*1.89*4.02*4.25	0.55	F1	D
OT1.3-6	6	1.3	20	97*24*51*57	3.82*0.94*2.01*2.24	0.29	F1	C
OT2.8-6	6	2.8	20	66*33*97*103	2.6*1.3*3.82*4.06	0.56	F1	A
OT3.2-6	6	3.2	20	125*33*60*66	4.92*1.3*2.36*2.6	0.62	F1	C
OT4-6	6	4	20	70*48*100*106	2.76*1.89*3.94*4.17	0.65	F1	A
OT4-6/A	6	4	20	70*48*100*106	2.76*1.89*3.94*4.17	0.70	F1	A
OT4.5-6	6	4.5	20	70*48*100*106	2.76*1.89*3.94*4.17	0.68	F2	A
OT4.5-6	6	4.5	20	70*48*100*106	2.76*1.89*3.94*4.17	0.68	F1	A

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Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT4.5-6/A	6	4.5	20	70*48*100*106	2.76*1.89*3.94*4.17	0.80	F1	A
OT5-6/C	6	5	20	170*35*70*76	6.69*1.38*2.76*2.99	0.92	F1	C
OT5-6/S	6	5	20	67*67*97*116	2.64*2.64*3.82*4.57	0.81	S1	A
OT5-6/A	6	5	20	70*48*100*106	2.76*1.89*3.94*4.17	0.84	F1	A
OT5-6	6	5	20	70*48*100*106	2.76*1.89*3.94*4.17	0.77	F1	A
OT7-6/B	6	7	20	151*35*94*100	5.94*1.38*3.7*3.94	1.08	F1	C
OT7-6	6	7	20	151*35*94*100	5.94*1.38*3.7*3.94	1.20	F2	C
OT7-6	6	7	20	151*35*94*100	5.94*1.38*3.7*3.94	1.20	F1	C
OT10-6	6	10	20	151*50*94*100	5.94*1.97*3.7*3.94	1.63	F2	C
OT10-6	6	10	20	151*50*94*100	5.94*1.97*3.7*3.94	1.63	F1	C
OT12-6	6	12	20	151*50*94*100	5.94*1.97*3.7*3.94	1.78	F2	C
OT12-6	6	12	20	151*50*94*100	5.94*1.97*3.7*3.94	1.78	F1	C
OT1.3-12	12	1.3	20	97*45*53*59	3.82*1.77*2.09*2.32	0.58	F1	E
OT2.2-12	12	2.2	20	178*35*61*67	7.01*1.38*2.4*2.64	0.91	F1	C
OT3.3-12	12	3.3	20	134*67*61*67	5.28*2.64*2.4*2.64	1.27	F1	E
OT4-12	12	4	20	90*70*100*109	3.54*2.76*3.94*4.29	1.43	L0	C
OT4-12	12	4	20	90*70*100*106	3.54*2.76*3.94*4.17	1.43	F2	C
OT4-12	12	4	20	90*70*100*106	3.54*2.76*3.94*4.17	1.43	F1	C
OT4.5-12	12	4.5	20	90*70*100*106	3.54*2.76*3.94*4.17	1.41	F2	C
OT4.5-12	12	4.5	20	90*70*100*106	3.54*2.76*3.94*4.17	1.41	F1	C
OT4.5-12/B	12	4.5	20	90*70*100*106	3.54*2.76*3.94*4.17	1.38	F2	C
OT4.5-12/B	12	4.5	20	90*70*100*106	3.54*2.76*3.94*4.17	1.38	F1	C
OT4.5-12/B	12	4.5	20	90*70*100*109	3.54*2.76*3.94*4.29	1.38	L0	C
OT4.5-12/A	12	4.5	20	90*70*100*106	3.54*2.76*3.94*4.17	1.61	F1	C
OT5-12/B	12	5	20	90*70*100*106	3.54*2.76*3.94*4.17	1.56	F2	C
OT5-12/B	12	5	20	90*70*100*106	3.54*2.76*3.94*4.17	1.56	F1	C
OT5-12	12	5	20	90*70*100*106	3.54*2.76*3.94*4.17	1.68	F2	C
OT5-12	12	5	20	90*70*100*106	3.54*2.76*3.94*4.17	1.68	F1	C
OT6-12	12	6	20	151*51*94*100	5.94*2.01*3.7*3.94	1.68	F2	F
OT6-12	12	6	20	151*51*94*100	5.94*2.01*3.7*3.94	1.68	F1	F
OT7-12	12	7	20	151*65*94*103	5.94*2.56*3.7*4.06	2.09	L0	F
OT7-12	12	7	20	151*65*94*100	5.94*2.56*3.7*3.94	2.09	F2	F
OT7-12	12	7	20	151*65*94*100	5.94*2.56*3.7*3.94	2.09	F1	F
OT7.2-12	12	7.2	20	151*65*94*100	5.94*2.56*3.7*3.94	2.04	F2	F
OT7.2-12	12	7.2	20	151*65*94*100	5.94*2.56*3.7*3.94	2.04	F1	F
OT7.5-12	12	7.5	20	151*65*94*100	5.94*2.56*3.7*3.94	2.19	F2	F

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Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT7.5-12	12	7.5	20	151*65*94*100	5.94*2.56*3.7*3.94	2.19	F1	F
OT8-12/A	12	8	20	151*65*94*100	5.94*2.56*3.7*3.94	2.53	F2	F
OT8-12/A	12	8	20	151*65*94*100	5.94*2.56*3.7*3.94	2.53	F1	F
OT8-12	12	8	20	151*65*94*103	5.94*2.56*3.7*4.06	2.32	L0	F
OT8-12	12	8	20	151*65*94*100	5.94*2.56*3.7*3.94	2.32	F2	F
OT8-12	12	8	20	151*65*94*100	5.94*2.56*3.7*3.94	2.32	F1	F
OT9-12	12	9	20	151*65*94*100	5.94*2.56*3.7*3.94	2.40	F2	F
OT9-12	12	9	20	151*65*94*100	5.94*2.56*3.7*3.94	2.40	F1	F
OT10-12	12	10	20	151*65*111*117	5.94*2.56*4.37*4.61	2.94	F2	F
OT10-12/C	12	10	20	151*98*95*104	5.94*3.86*3.74*4.09	3.28	L0	F
OT10-12/C	12	10	20	151*98*95*101	5.94*3.86*3.74*3.98	3.28	F2	F
OT10-12/C	12	10	20	151*98*95*101	5.94*3.86*3.74*3.98	3.28	F1	F
OT12-12	12	12	20	151*98*95*104	5.94*3.86*3.74*4.09	3.54	L0	F
OT12-12	12	12	20	151*98*95*101	5.94*3.86*3.74*3.98	3.54	F2	F
OT12-12	12	12	20	151*98*95*101	5.94*3.86*3.74*3.98	3.54	F1	F
OT12-12	12	12	20	151*98*96*100	5.94*3.86*3.78*3.94	3.54	T7	F
OT17-12	12	17	20	181*77*155*155	7.13*3.03*6.1*6.1	4.76	T7	D
OT17-12	12	17	20	181*77*167*167	7.13*3.03*6.57*6.57	4.76	L1	D
OT17-12	12	17	20	181*77*167*167	7.13*3.03*6.57*6.57	4.76	B10	D
OT17-12	12	17	20	181*77*167*167	7.13*3.03*6.57*6.57	4.76	T8	D
OT20-12	12	20	20	181*77*155*155	7.13*3.03*6.1*6.1	5.18	T7	D
OT20-12	12	20	20	181*77*167*167	7.13*3.03*6.57*6.57	5.18	L1	D
OT20-12	12	20	20	181*77*167*167	7.13*3.03*6.57*6.57	5.18	B10	D
OT20-12	12	20	20	181*77*167*167	7.13*3.03*6.57*6.57	5.18	T8	D
OT20-12/A	12	20	20	181*77*167*167	7.13*3.03*6.57*6.57	6.08	L1	D
OT20-12/A	12	20	20	181*77*167*167	7.13*3.03*6.57*6.57	6.08	B10	D
OT20-12/A	12	20	20	181*77*167*167	7.13*3.03*6.57*6.57	6.08	T8	D
OT24-12	12	24	20	175*166*125*125	6.89*6.54*4.92*4.92	7.50	L2	E
OT24-12	12	24	20	175*166*125*125	6.89*6.54*4.92*4.92	7.50	T0	E
OT26-12/W	12	26	20	175*166*125*125	6.89*6.54*4.92*4.92	8.05	L2	E
OT26-12/W	12	26	20	175*166*125*125	6.89*6.54*4.92*4.92	8.05	T0	E
OT26-12	12	26	20	165*125*174*174	6.5*4.92*6.85*6.85	7.78	L2	D
OT26-12/A	12	26	20	165*125*174*174	6.5*4.92*6.85*6.85	8.25	L2	D
OT28-12/W	12	28	20	175*166*125*125	6.89*6.54*4.92*4.92	8.80	L2	E
OT28-12/W	12	28	20	175*166*125*125	6.89*6.54*4.92*4.92	8.80	T0	E
OT33-12	12	33	20	194*132*170*170	7.64*5.2*6.69*6.69	9.90	L2	C

Note: The data and the products in catalogs are for reference only. The actual product may differ.

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT33-12	12	33	20	194*132*170*174	7.64*5.2*6.69*6.85	9.90	T1	C
OT33-12/A	12	33	20	194*132*170*170	7.64*5.2*6.69*6.69	10.50	L2	C
OT33-12/A	12	33	20	194*132*170*174	7.64*5.2*6.69*6.85	10.50	T1	C
OT33-12/A	12	33	20	195*130*153*166	7.68*5.12*6.02*6.54	10.35	T1	C
OT33-12/A	12	33	20	195*130*153*180	7.68*5.12*6.02*7.09	10.35	B8	C
OT38-12	12	38	20	196*166*173*173	7.72*6.54*6.81*6.81	11.90	T1	D
OT40-12	12	40	20	196*166*173*173	7.72*6.54*6.81*6.81	12.60	B1	D
OT40-12	12	40	20	196*166*173*173	7.72*6.54*6.81*6.81	12.60	T1	D
OT55-12	12	55	20	228*137*211*216	8.98*5.39*8.31*8.5	16.80	T1	C
OT55-12	12	55	20	230*138*221*221	9.06*5.43*8.7*8.7	16.80	B3	C

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT100-12/A	12	100	10	333*173*216*222	13.11*6.81*8.5*8.74	31.20	T3	C
OT120-12/B	12	120	20	406*172*208*237	15.98*6.77*8.19*9.33	34.00	T2	C
OT120-12	12	120	10	406*172*208*237	15.98*6.77*8.19*9.33	36.60	B4	C
OT120-12	12	120	10	406*172*208*237	15.98*6.77*8.19*9.33	36.60	T2	C
OT150-12	12	150	10	484*170*241*241	19.06*6.69*9.49*9.49	42.50	B5	C
OT150-12	12	150	10	484*170*241*241	19.06*6.69*9.49*9.49	42.50	T3	C
OT150-12	12	150	10	484*170*241*241	19.06*6.69*9.49*9.49	44.00	T3	C
OT180-12	12	180	10	532*209*215*245	20.94*8.23*8.46*9.65	53.40	B6	E
OT180-12	12	180	10	532*209*215*220	20.94*8.23*8.46*8.66	53.40	T2	E
OT200-12	12	200	10	522*239*217*222	20.55*9.41*8.54*8.74	60.20	T3	E
OT200-12	12	200	10	522*239*217*242	20.55*9.41*8.54*9.53	60.20	B6	E
OT220-12	12	220	10	522*239*217*242	20.55*9.41*8.54*9.53	66.1	B6	E
OT250-12	12	250	10	520*269*220*245	20.47*10.59*8.66*9.65	72.3	B7	E
OT250-12	12	250	10	520*269*220*225	20.47*10.59*8.66*8.86	72.3	T2	E

VRLA-AGM Battery-Medium and Large Series

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT100-6	6	100	10	195*170*204*211	7.68*6.69*8.03*8.31	14.00	T2	A
OT150-6	6	150	10	260*180*246*253	10.24*7.09*9.69*9.96	24.90	T3	B
OT180-6	6	180	10	306*168*222*227	12.05*6.61*8.74*8.94	27.00	T2	B
OT200-6	6	200	10	323*177*225*230	12.72*6.97*8.86*9.06	30.00	T2	B
OT65-12/B	12	65	20	350*167*173*173	13.78*6.57*6.81*6.81	19.20	T3	D
OT65-12	12	65	10	350*167*173*173	13.78*6.57*6.81*6.81	20.60	T3	D
OT75-12	12	75	10	260*168*212*219	10.24*6.61*8.35*8.62	22.90	T1	C
OT75-12	12	75	10	260*168*222*222	10.24*6.61*8.74*8.74	22.90	B3	C
OT85-12	12	85	10	260*168*212*219	10.24*6.61*8.35*8.62	25.40	T1	C
OT85-12	12	85	10	260*168*222*222	10.24*6.61*8.74*8.74	25.40	B3	C
OT90-12	12	90	10	307*169*208*228	12.09*6.65*8.19*8.98	27.00	B11	C
OT90-12	12	90	10	307*169*208*213	12.09*6.65*8.19*8.39	27.00	T1	C
OT100-12/B	12	100	20	333*173*216*222	13.11*6.81*8.5*8.74	28.10	T3	C
OT100-12	12	100	10	333*173*216*222	13.11*6.81*8.5*8.74	30.50	T3	C

VRLA-AGM Battery-Long Life Series

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT33-12/LL	12	33	20	194*132*170*174	7.64*5.2*6.69*6.85	10.35	T1	C
OT40-12/LL	12	40	20	196*166*173*173	7.72*6.54*6.81*6.81	13.9	T1	D
OT40-12/LL	12	40	20	196*166*173*173	7.72*6.54*6.81*6.81	13.9	B1	D
OT55-12/LL	12	55	20	230*138*221*221	9.06*5.43*8.7*8.7	16.8	B3	C
OT55-12/LL	12	55	20	228*137*211*216	8.98*5.39*8.31*8.5	16.8	T1	C
OT65-12/LL	12	65	10	350*167*173*173	13.78*6.57*6.81*6.81	22.9	T3	D
OT100-12/LL	12	100	10	333*173*216*222	13.11*6.81*8.5*8.74	32.5	T3	C
OT120-12/LL	12	120	10	406*172*208*237	15.98*6.77*8.19*9.33	38	B4	C
OT120-12/LL	12	120	10	406*172*208*237	15.98*6.77*8.19*9.33	38	T2	C
OT150-12/LL	12	150	10	484*170*241*241	19.06*6.69*9.49*9.49	47.2	B5	C
OT150-12/LL	12	150	10	484*170*241*241	19.06*6.69*9.49*9.49	47.2	T3	C
OT200-12/LL	12	200	10	522*239*217*222	20.55*9.41*8.54*8.74	63.3	T3	E
OT200-12/LL	12	200	10	522*239*217*242	20.55*9.41*8.54*9.53	63.3	B6	E

Note: The data and the products in catalogs are for reference only. The actual product may differ.

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VRLA-AGM Battery-High Rate Series

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT9-12/HR	12	9	20	151*65*94*100	5.94*2.56*3.7*3.94	2.4	F2	F
OT12-12/HR	12	12	20	151*98*95*101	5.94*3.86*3.74*3.98	3.54	F2	F
OT20-12/HR	12	20	20	181*77*167*167	7.13*3.03*6.57*6.57	6.08	L1	D
OT100-12/HR	12	100	10	333*173*216*222	13.11*6.81*8.5*8.74	31.2	T3	C

VRLA-AGM Battery-Front Terminal Series

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT55-12/FT	12	55	20	291*106*223*231	11.46*4.17*8.78*9.09	15.7	T6	E
OT75-12/FT	12	75	10	562*114*187*194	22.13*4.49*7.36*7.64	25.4	T2	E
OT100-12/FT	12	100	10	410*110*287*295	16.14*4.33*11.3*11.61	31.7	T2	E
OT105-12/FT	12	105	10	507*110*223*235	19.96*4.33*8.78*9.25	31	T3	E
OT120-12/FT	12	120	10	552*110*240*240	21.73*4.33*9.45*9.45	36.6	T2	E
OT150-12/FT	12	150	10	565*110*288*296	22.24*4.33*11.34*11.65	45.3	T2	E
OT180-12/FT	12	180	10	561*125*318*318	22.09*4.92*12.52*12.52	54.2	T2	E
OT200-12/FT	12	200	10	561*125*318*318	22.09*4.92*12.52*12.52	59.5	T2	E

VRLA-AGM Battery-2V Series

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT100-2	2	100	10	171*72*206*214	6.73*2.83*8.11*8.43	5.85	B6	A
OT200-2	2	200	10	173*111*328*365	6.81*4.37*12.91*14.37	13.4	T5	A
OT300-2	2	300	10	171*151*333*365	6.73*5.94*13.11*14.37	19.2	T5	A
OT400-2	2	400	10	211*175*328*367	8.31*6.89*12.91*14.45	26.5	T5	H
OT500-2	2	500	10	242*173*329*367	9.53*6.81*12.95*14.45	31	T5	H
OT600-2	2	600	10	301*175*331*365	11.85*6.89*13.03*14.37	38.2	T5	H
OT800-2	2	800	10	409*177*330*365	16.1*6.97*12.99*14.37	53.2	T5	I
OT1000-2	2	1000	10	475*175*328*365	18.7*6.89*12.91*14.37	62	T5	I
OT1500-2	2	1500	10	401*351*343*382	15.79*13.82*13.5*15.04	98.5	T5	J

Note: The data and the products in catalogs are for reference only. The actual product may differ.

VRLA-GEL Battery-Small Series

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT17-12(GEL)	12	17	20	181*77*167*167	7.13*3.03*6.57*6.57	4.76	L1	D
OT20-12(GEL)	12	20	20	181*77*167*167	7.13*3.03*6.57*6.57	5.18	L1	D
OT20-12(GEL)/A	12	20	20	181*77*167*167	7.13*3.03*6.57*6.57	6.08	L1	D
OT20-12(GEL)/A	12	20	20	181*77*167*167	7.13*3.03*6.57*6.57	6.08	B10	D
OT24-12(GEL)	12	24	20	175*166*125*125	6.89*6.54*4.92*4.92	7.50	L2	E
OT24-12(GEL)	12	24	20	175*166*125*125	6.89*6.54*4.92*4.92	7.50	T0	E
OT26-12(GEL)/W	12	26	20	175*166*125*125	6.89*6.54*4.92*4.92	8.05	L2	E
OT26-12(GEL)/W	12	26	20	175*166*125*125	6.89*6.54*4.92*4.92	8.05	T0	E
OT26-12(GEL)	12	26	20	165*125*174*174	6.5*4.92*6.85*6.85	7.78	L2	D
OT26-12(GEL)/A	12	26	20	165*125*174*174	6.5*4.92*6.85*6.85	8.25	L2	D
OT28-12(GEL)/W	12	28	20	175*166*125*125	6.89*6.54*4.92*4.92	8.80	L2	E
OT28-12(GEL)/W	12	28	20	175*166*125*125	6.89*6.54*4.92*4.92	8.80	T0	E
OT33-12(GEL)	12	33	20	194*132*170*170	7.64*5.2*6.69*6.69	9.90	L2	C
OT33-12(GEL)	12	33	20	194*132*170*174	7.64*5.2*6.69*6.85	9.90	T1	C
OT33-12(GEL)/A	12	33	20	194*132*170*170	7.64*5.2*6.69*6.69	10.50	L2	C
OT33-12(GEL)/A	12	33	20	194*132*170*174	7.64*5.2*6.69*6.85	10.50	T1	C
OT38-12(GEL)	12	38	20	196*166*173*173	7.72*6.54*6.81*6.81	11.90	T1	D
OT40-12(GEL)	12	40	20	196*166*173*173	7.72*6.54*6.81*6.81	12.60	B1	D
OT40-12(GEL)	12	40	20	196*166*173*173	7.72*6.54*6.81*6.81	12.60	T1	D
OT55-12(GEL)	12	55	20	228*137*211*216	8.98*5.39*8.31*8.5	16.80	T1	C
OT55-12(GEL)	12	55	20	230*138*221*221	9.06*5.43*8.7*8.7	16.80	B3	C

VRLA-GEL Battery- Medium and Large Series

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT100-6(GEL)	6	100	10	195*170*204*211	7.68*6.69*8.03*8.31	14.00	T2	A
OT150-6(GEL)	6	150	10	260*180*246*253	10.24*7.09*9.69*9.96	24.90	T3	B
OT180-6(GEL)	6	180	10	306*168*222*227	12.05*6.61*8.74*8.94	27.00	T2	B
OT200-6(GEL)	6	200	10	323*177*225*230	12.72*6.97*8.86*9.06	30.00	T2	B
OT65-12(GEL)/B	12	65	20	350*167*173*173	13.78*6.57*6.81*6.81	19.20	T3	D
OT65-12(GEL)	12	65	10	350*167*173*173	13.78*6.57*6.81*6.81	20.60	T3	D
OT75-12(GEL)	12	75	10	260*168*212*219	10.24*6.61*8.35*8.62	22.90	T1	C
OT75-12(GEL)	12	75	10	260*168*222*222	10.24*6.61*8.74*8.74	22.90	B3	C
OT85-12(GEL)	12	85	10	260*168*212*219	10.24*6.61*8.35*8.62	25.40	T1	C

Note: The data and the products in catalogs are for reference only. The actual product may differ.

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT85-12(GEL)	12	85	10	260*168*222*222	10.24*6.61*8.74*8.74	25.40	B3	C
OT90-12(GEL)	12	90	10	307*169*208*228	12.09*6.65*8.19*8.98	27.00	B11	C
OT90-12(GEL)	12	90	10	307*169*208*213	12.09*6.65*8.19*8.39	27.00	T1	C
OT100-12(GEL)/B	12	100	20	333*173*216*222	13.11*6.81*8.5*8.74	28.10	T3	C
OT100-12(GEL)	12	100	10	333*173*216*222	13.11*6.81*8.5*8.74	30.50	T3	C
OT100-12(GEL)/A	12	100	10	333*173*216*222	13.11*6.81*8.5*8.74	31.20	T3	C
OT120-12(GEL)/B	12	120	20	406*172*208*237	15.98*6.77*8.19*9.33	34.00	T2	C
OT120-12(GEL)	12	120	10	406*172*208*237	15.98*6.77*8.19*9.33	36.60	B4	C
OT120-12(GEL)	12	120	10	406*172*208*237	15.98*6.77*8.19*9.33	36.60	T2	C
OT150-12(GEL)	12	150	10	484*170*241*241	19.06*6.69*9.49*9.49	42.50	B5	C
OT150-12(GEL)	12	150	10	484*170*241*241	19.06*6.69*9.49*9.49	42.50	T3	C
OT180-12(GEL)	12	180	10	532*209*215*245	20.94*8.23*8.46*9.65	53.40	B6	E
OT200-12(GEL)	12	200	10	522*239*217*222	20.55*9.41*8.54*8.74	60.20	T3	E
OT200-12(GEL)	12	200	10	522*239*217*242	20.55*9.41*8.54*9.53	60.20	B6	E
OT220-12(GEL)	12	220	10	522*239*217*242	20.55*9.41*8.54*9.53	66.1	B6	E
OT250-12(GEL)	12	250	10	520*269*220*245	20.47*10.59*8.66*9.65	72.3	B7	E
OT250-12(GEL)	12	250	10	520*269*220*225	20.47*10.59*8.66*8.86	72.3	T2	E

VRLA-GEL Battery-2V Series

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT100-2(GEL)	6	100	10	171*72*206*214	6.73*2.83*8.11*8.43	5.85	B6	A
OT200-2(GEL)	6	200	10	173*111*328*365	6.81*4.37*12.91*14.37	13.4	T5	A
OT300-2(GEL)	6	300	10	171*151*333*365	6.73*5.94*13.11*14.37	19.2	T5	A
OT400-2(GEL)	6	400	10	211*175*328*367	8.31*6.89*12.91*14.45	26.5	T5	H
OT500-2(GEL)	6	500	10	242*173*329*367	9.53*6.81*12.95*14.45	31	T5	H
OT600-2(GEL)	6	600	10	301*175*331*365	11.85*6.89*13.03*14.37	38.2	T5	H
OT800-2(GEL)	12	800	10	409*177*330*365	16.1*6.97*12.99*14.37	53.2	T5	I
OT1000-2(GEL)	12	1000	10	475*175*328*365	18.7*6.89*12.91*14.37	62	T5	I
OT1500-2(GEL)	12	1500	10	401*351*343*382	15.79*13.82*13.5*15.04	98.5	T5	J

Note: The data and the products in catalogs are for reference only. The actual product may differ.

VRLA-GEL Battery-High Rate Series

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT20-12(GEL)/HR	12	20	20	181*77*167*167	7.13*3.03*6.57*6.57	6.08	L1	D
OT100-12(GEL)/HR	12	100	20	333*173*216*222	13.11*6.81*8.5*8.74	31.2	T3	C

VRLA-GEL Battery-Front Terminal Series

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT55-12(GEL)/FT	12	55	20	291*106*223*231	11.46*4.17*8.78*9.09	15.7	T6	E
OT75-12(GEL)/FT	12	75	10	562*114*187*194	22.13*4.49*7.36*7.64	25.4	T2	E
OT100-12(GEL)/FT	12	100	10	410*110*287*295	16.14*4.33*11.3*11.61	31.7	T2	E
OT105-12(GEL)/FT	12	105	10	507*110*223*235	19.96*4.33*8.78*9.25	31	T3	E
OT120-12(GEL)/FT	12	120	10	552*110*240*240	21.73*4.33*9.45*9.45	36.6	T2	E
OT150-12(GEL)/FT	12	150	10	565*110*288*296	22.24*4.33*11.34*11.65	45.3	T2	E
OT180-12(GEL)/FT	12	180	10	561*125*318*318	22.09*4.92*12.52*12.52	54.2	T2	E
OT200-12(GEL)/FT	12	200	10	561*125*318*318	22.09*4.92*12.52*12.52	57	T2	E

VRLA-GEL Battery-Long Life Series

Model	Voltage (V)	Capacity (Ah)	Hour Rate (HR)	Dimensions ±2 (mm)	Inch	Weight (KG)	Terminal	Polarity
OT33-12(GEL)/LL	12	33	20	194*132*170*174	7.64*5.2*6.69*6.85	10.5	T1	C
OT40-12(GEL)/LL	12	40	20	196*166*173*173	7.72*6.54*6.81*6.81	13.9	T1	D
OT40-12(GEL)/LL	12	40	20	196*166*173*173	7.72*6.54*6.81*6.81	13.9	B1	D
OT55-12(GEL)/LL	12	55	20	230*138*221*221	9.06*5.43*8.7*8.7	16.8	B3	C
OT55-12(GEL)/LL	12	55	20	228*137*211*216	8.98*5.39*8.31*8.5	16.8	T1	C
OT65-12(GEL)/LL	12	65	10	350*167*173*173	13.78*6.57*6.81*6.81	22.9	T3	D
OT100-12(GEL)/LL	12	100	10	333*173*216*222	13.11*6.81*8.5*8.74	32.5	T3	C
OT120-12(GEL)/LL	12	120	10	406*172*208*237	15.98*6.77*8.19*9.33	38	B4	C
OT120-12(GEL)/LL	12	120	10	406*172*208*237	15.98*6.77*8.19*9.33	38	T2	C
OT150-12(GEL)/LL	12	150	10	484*170*241*241	19.06*6.69*9.49*9.49	47.2	B5	C
OT150-12(GEL)/LL	12	150	10	484*170*241*241	19.06*6.69*9.49*9.49	47.2	T3	C
OT200-12(GEL)/LL	12	200	10	522*239*217*222	20.55*9.41*8.54*8.74	63.3	T3	E
OT200-12(GEL)/LL	12	200	10	522*239*217*242	20.55*9.41*8.54*9.53	63.3	B6	E

Note: The data and the products in catalogs are for reference only. The actual product may differ.

OPERATING INSTRUCTIONS

Instruction

HW1500A charger uses excellent materials and has a smart design. Its self-protected function can avoid damage caused by improper use and the circuit design can extend the battery service life.

Field of Application

This charger can be used to charge lead-acid or GEL motorcycle battery (capacity range: 2.5Ah-20Ah)

Feature

1. 3 steps charging. Charging effect is better when connecting the battery and charger for a long period.
2. Short circuit protection function. It can prevent the damage of clamp short circuit.
3. Reverse connection protection function. It can prevent the damage of wrong polarity connection.

Technical Parameters



**HW1500A
INTELLIGENT CHARGER**

Input voltage	AC 90V-265V 47HZ-63HZ
Maximum output power	15W
Float charge voltage	13.8V±0.5%
Constant current charge	1A±0.5%
Constant voltage charge	14.8V
Switching current	0.45A-0.55A
Power efficiency	>77%
Output ripple	85 mvp-p
Red/Green signal	red light - charging, green light - fully charged
Overload protection	when exceeding 115% of total output power
Size (L*W*H)	73.5*49*29 mm
Weight	108g
Length of AC input wire	30 cm
Length of DC output wire	1 m
Environment temperature	-40°C to +55°C
Humidity	<95%
Safety level	1 (IEC364-4-41)
Protection rating	IP65

Note

1. There will be no output when it is disconnected with battery.
2. Please do make sure the positive wire (red) connects the positive terminal and the negative (black) connects the negative.
3. Please read the instructions carefully before use and installation.

4. The voltage of the charger is equivalent with the power grid voltage. Please do not disassemble the equipment unless it is conducted by professional technicians.
5. The charger should be used in dry and clean environment and avoid moist or dust.
6. Other parameters unspecified can be customized.