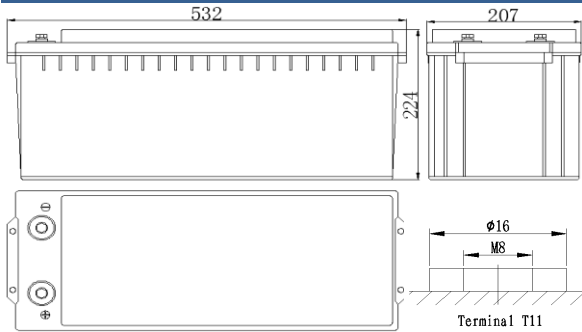


RPower 12V 5 OPzV 145 LW (12V 145Ah OPzV Battery)

Floating Life at 20°C designed for up to 20 years

EAN: 4260349822336

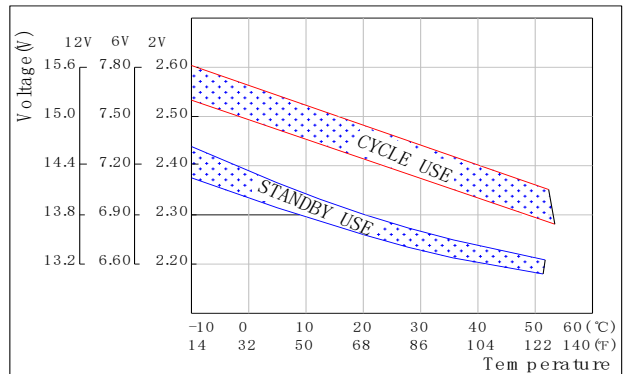
Dimensions



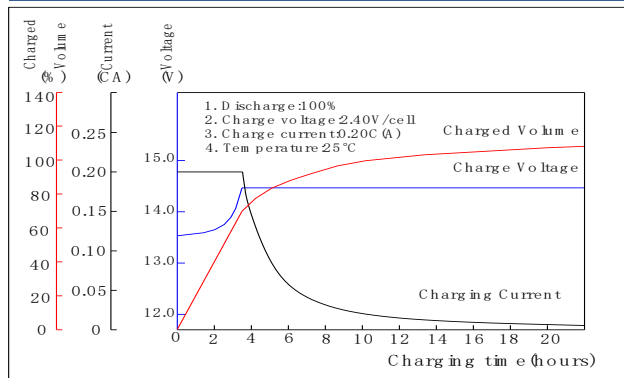
Specifications

Nominal Voltage	12V	
Capacity (10hr@25°C@1.80V/C)	145Ah	
Dimensions (±2mm)	Length	532mm (20.9inch)
	Width	207mm (8.15inch)
	Height	224mm (8.82inch)
	Total Height	224mm (8.82inch)
Approx. Weight	56.00kg (123.5lbs)	
Maximum charging current	42A	
Maximum discharge current	875A (5sec.)	
Internal resistance	Approx. 5.2mΩ	
Capacity affected by temperature (10hr)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 month	Remaining Capacity: 93%
	6 month	Remaining Capacity: 85%
	12 month	Remaining Capacity: 72%
Nominal operating temperature	25°C ±3°C (77°F±5°F)	
Operating temperature range	-20°C~50°C (-4°F~122°F)	
Float charging voltage (25°C)	13.65 to 13.80V	
Cyclic charging voltage (25°C)	14.40 to 15.00V	
Terminal material	Copper	

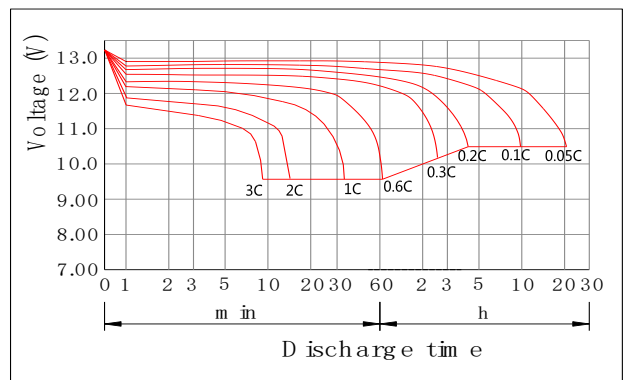
The Relationship for Charging Voltage and Temperature



Charging Characteristics (25°C)



Discharge Characteristics (25°C)



Constant Current Discharge Characteristics (Ampere / Battery, 25°C)

FV / TIME	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
10.98V	148,5	139,20	127,57	113,73	103,74	84,99	67,91	46,07	33,98	28,64	24,39	20,83	15,76	14,30	7,55
10.80V	155,9	146,16	135,00	117,84	107,00	88,05	70,20	47,00	34,90	29,40	25,00	21,40	16,20	14,50	7,69
10.50V	165,2	154,86	142,00	124,42	112,00	91,40	72,50	48,30	36,00	30,30	25,80	22,00	16,70	14,60	7,74
10.20V	172,6	161,82	147,00	128,80	114,00	93,67	73,90	49,00	36,20	30,50	26,00	22,20	16,80	14,70	7,78
9.90V	180,0	168,78	153,00	133,74	118,00	96,63	75,80	49,50	36,50	30,70	26,20	22,30	16,90	14,70	7,81
9.60V	185,6	174,00	157,00	137,03	120,00	98,60	77,00	49,70	36,70	30,90	26,30	22,50	17,00	14,80	7,82

Constant Power Discharge Characteristics (Watt / Battery, 25°C)

FV / TIME	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
10.98V	1559,04	1503,36	1400,73	1248,76	1163,98	953,62	774,17	533,48	399,63	336,79	288,30	246,18	187,20	170,71	90,65
10.80V	1636,99	1578,53	1476,00	1293,90	1206,00	987,92	798,00	544,80	410,40	345,60	295,80	252,60	192,00	173,40	92,40
10.50V	1734,43	1672,49	1560,00	1366,12	1254,00	1025,53	828,00	559,20	423,00	356,40	304,80	260,40	198,00	174,00	93,00
10.20V	1812,38	1747,66	1614,00	1414,26	1284,00	1050,98	840,00	567,60	426,00	358,80	307,20	262,20	199,20	175,20	93,60
9.90V	1890,34	1822,82	1680,00	1468,43	1326,00	1084,17	864,00	572,40	429,00	361,20	309,60	264,00	201,00	175,80	93,60
9.60V	1948,80	1879,20	1722,00	1504,53	1350,00	1106,29	876,00	576,00	431,40	363,60	311,40	265,80	202,20	176,40	93,60