

# UNAWARE OF OPTION PRICING

不了解期权定价原理

WWW.POWERUPGAMMAS.COM

# Long Straddle - Earnings 博弈财报



WWW.POWERUPGAMMAS.COM

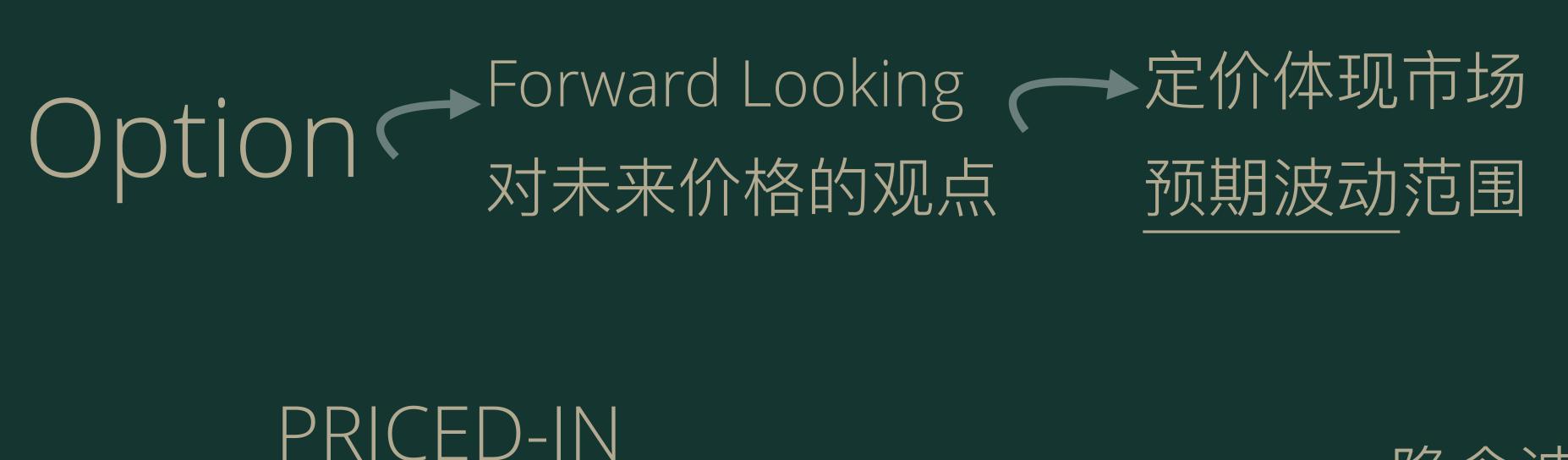
## Long STK v.s Long Option



Expected Move 预期液幅

WWW.POWERUPGAMMAS.COM

### "简化"的模型理解



隐含波动率=预期波动



期权金=预期波动

### WWW.POWERUPGAMMAS.COM



### WWW.POWERUPGAMMAS.COM

JUL 23 '21"	JUL 30 '21W	AUG 06	'21 <sup>w</sup>	AUG 13 '21	1 <sup>W</sup>	MODE V																
5 DAYS	12 DAYS 19 DAYS		YS	26 DAYS	6 DAYS MORE ▼										TA	ABBED VII	EW -	15 STRIKES •	S. SMART. HAL. 100			
	CALLS																PUTS			IV: 53.3%		
OPTN OPN IN	VOLUME	VEGA	THETA	GAMMA	DELTA	MARK	TIME VALUE (%)	BID	ASK	IV CLOSE	STRIKE	IV CLOSE	BID		TIME VALUE (%)	MARK	DELTA	GAMMA	THETA	VEGA		TN OPN IN
		0.001	-0.006	0.018	0.988	4.21	0.00 (0.00%)	• 3.55 3	.65 •		16.5		• 0.02	0.03 •	0.02 (7.06%)	0.02	-0.012	0.018	-0.006	0.001	20	1
		0.002	-0.014	0.054	0.958	3.23	0.05 (17.64%)	• 2.61 2	.66 +		17.5	63.547%	• 0.04	0.07 +	0.04 (14.11%)	0.05	-0.042	0.054	-0.014	0.002	76	232
		0.003	-0.020	0.087	0.931	2.75	0.08 (28.23%)	+ 2.14 2	.20 +		18	62.071%	• 0.09	0.10 +	0.09 (31.75%)	0.06	-0.069	0.087	-0.019	0.003	17	220
	3	0.005	-0.027	0.136	0.884	2.28	0.13 (45.87%)	<b>•</b> 1.69 1	.74 +	56.256%	18.5	59.399%	• 0.11	0.15 +	0.11 (38.81%)	0.09	-0.116	0.136	-0.027	0.005	111	184
	52	0.006	-0.036	0.202	0.806	1.83	0.21 (74.09%)	<b>•</b> 1.27 1	.31 •		19	56.295%	<b>•</b> 0.22	0.25 +	0.22 (77.62%)	0.14	-0.194	0.202	-0.036	0.006	117	10
1	68	0.008	-0.044	0.269	0.690	1.41	0.35 (123.49%)	• 0.91 0	.94 •	52.362%	19.5	54.285%	• 0.35	0.37 •	0.35 (123.49%)	0.22	-0.310	0.269	-0.044	0.008	751	13
48	399	0.010	-0.048	0.308	0.544	1.04	0.56 (197.58%)	• 0.62 0	.65 •	53.732%	20	52.744%	• 0.56	0.59 •	0.56 (197.58%)	0.35	-0.456	0.308	-0.048	0.010	39	231
3	124	0.009	-0.047	0.297	0.393	0.78	0.41 (144.66%)	• 0.41 0	.46 •	52.799%	20.5	52.839%	• 0.84	0.87 •	0.40 (141.13%)	0.60	-0.607	0.297	-0.047	0.009	110	277
756	1.90K	0.008	-0.041	0.248	0.263	0.56	0.26 (91.74%)	<b>•</b> 0.26 0	.28 +	55.409%	21	52.419%	• 1.16	1.24 +	0.22 (77.62%)	0.87	-0.737	0.248	-0.041	0.008	68	707
391	1.09K	0.007	-0.033	0.185	0.172	0.39	0.17 (59.98%)	+ 0.17 0	.19 +	57.872%	21.5	53.326%	+ 1.56	1.69 +	0.12 (42.34%)	1.21	-0.828	0.185	-0.033	0.007	66	410
495	159	0.004	-0.026	0.131	0.111	0.23	0.12 (42.34%)	+ 0.12 0	.13 +	60.773%	22	52.140%	• 2.01	2.09 +	0.07 (24.70%)	1.54	-0.889	0.131	-0.026	0.004	159	252
387	307	0.003	-0.019	0.090	0.070	0.14	0.08 (28.23%)	<b>•</b> 0.08 0	.09 +	61.278%	22.5	60.654%	• 2.49	2.55 +	0.05 (17.64%)	1.95	-0.930	0.090	-0.019	0.003	218	291
888	216	0.002	-0.015	0.063	0.049	0.10	0.06 (21.17%)	• 0.06 0	.07 •	64.526%	23	61.227%	• 2.97	3.05 +	0.03 (10.58%)	2.41	-0.951	0.063	-0.015	0.002	96	150
1.46K	190	0.002	-0.011	0.042	0.030	0.06	0.04 (14.11%)	• 0.04 0	.05 •	66.772%	23.5	52.257%	• 3.45	3.50 •	0.01 (3.53%)	2.87	-0.970	0.042	-0.011	0.002	34	160
2.61K	5	0.001	-0.008	0.029	0.021	0.04	0.02 (7.06%)	• 0.02 0	.04 •	66.182%	24	46.832%	• 3.90	4.00 +	0.00 (0.00%)	3.35	-0.979	0.029	-0.008	0.001	90	140

市场提前折现的财报波幅 = 0.65 + 0.59 = \$1.24 (6.2%)

\*以上方法仅为使用期权链便捷估算财报事件预期波幅方法之一。

### WWW.POWERUPGAMMAS.COM





### WWW.POWERUPGAMMAS.COM



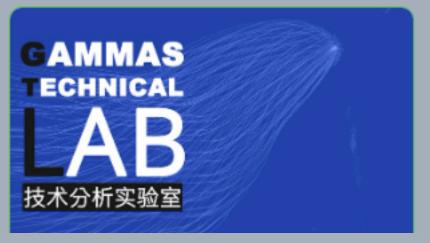
### PowerUpGammas SCHOOL





















WWW.POWERUPGAMMAS.COM



