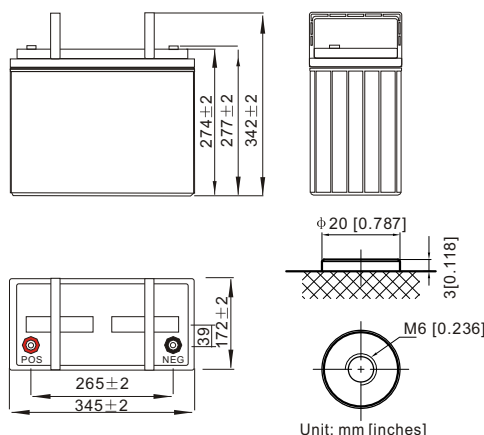


UPS ULTRA HIGH RATE

XP12-490(12V142AH)



Application

- ◆ UPS (High rate)
- ◆ High power backup supply
- ◆ Emergency power supply
- ◆ Emergency lighting
- ◆ Electric starting

Specification

Battery Type	Valve-Regulated,Absorbed Glass Mat		Self Discharge	≤3% of capacity declined per month at 25°C	
	(AGM) Technology		Current	Max. Discharge Current(5s) 1846A Initial Charging Current Less than 42.6A	
Capacity	490.9Watts/cell	15min rate(1.67V/cell)	Operating Temp. Range	Discharge -15~50 °C(5~122 °F)	
	142.0AH	20HR(1.80V/cell)		Charging 0~40 °C(32~104 °F)	
Dimensions	Length	345mm(13.58inches)	Internal Resistance	Storage -15~40 °C(5~104 °F)	
	Width	172mm(6.77inches)		Approx 3.2mΩ (25°C)	
	Height	274mm(10.8inches)	Container Material	ABS	
	Total height	277mm(10.91inches)	Terminal	T8	
Approx Weight	Approx 43.7 kg(96.4lbs)				

Constant Power Discharge (Watts/Cell) at 25 °C (77°F)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	497.8	416.3	366.4	329.0	261.1	199.4	162.9	96.6	70.3	56.2	47.3	41.1	32.7	27.3	14.3
1.80V/cell	583.6	464.8	403.5	355.1	278.1	210.8	171.7	100.2	72.9	57.7	48.3	41.8	33.3	27.7	14.6
1.75V/cell	661.2	521.8	438.3	377.7	290.8	219.8	179.2	103.3	75.0	59.3	49.5	42.9	33.9	28.0	14.8
1.70V/cell	722.4	555.3	462.8	397.6	303.2	228.4	185.4	106.7	76.5	60.3	50.4	43.4	34.3	28.3	15.0
1.67V/cell	777.5	591.1	490.9	416.4	317.3	237.7	191.8	109.9	78.2	61.7	51.1	44.1	34.6	28.6	15.2
1.60V/cell	829.6	628.8	511.8	429.8	325.9	242.2	195.1	110.8	78.8	61.9	51.5	44.3	34.6	28.5	15.2

Constant Current Discharge (Amperes) at 25 °C (77°F)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	261.7	216.4	189.1	168.9	133.2	101.1	82.1	48.4	35.1	28.0	23.4	20.2	16.0	13.3	6.93
1.80V/cell	310.5	243.6	210.2	183.6	143.0	107.7	87.2	50.6	36.7	28.9	24.1	20.8	16.4	13.6	7.10
1.75V/cell	355.0	277.1	230.3	196.8	150.7	113.2	91.7	52.5	38.0	29.9	24.8	21.4	16.8	13.8	7.26
1.70V/cell	391.7	297.6	245.7	208.7	158.2	118.5	95.6	54.7	38.9	30.5	25.4	21.8	17.1	14.0	7.38
1.67V/cell	426.0	320.2	262.8	220.4	166.6	124.0	99.4	56.6	40.1	31.4	25.9	22.2	17.4	14.2	7.51
1.60V/cell	463.5	347.8	278.9	232.3	174.7	128.7	103.0	58.1	41.1	32.1	26.6	22.7	17.7	14.5	7.63