

M90U-80 Series UPS Price List

*For the most current pricing, visit www.xpcc.com/pricing

Modular Online UPS

Capacities: 15kVA/15kW, 20kVA/20kW, 30kVA/30kW, 40kVA/40kW, 45kVA/45kW,
60kVA/60kW, 80kVA/80kW
208/120VAC Three-phase

Mission critical availability with scalable, modular, high density
M90U-80 for 15-80kVA applications

- › Modular and upgradeable for capacity or redundancy
- › Hot swappable power and battery modules
- › Large 10" LCD touchscreen display
- › Unity power factor
- › UL-1778, cUL, FCC A, RoHS, TAA (select models)
- › 2 year warranty (USA and Canada)



M90U-80 Series 208/120VAC Three phase 20/40/60/80kVA bundles including internal maintenance bypass

Input neutral is required

Model	Part Number	Description	List Price	Input & Output Connection	Unit Weight	Unit Dimensions (W x D x H)
M90U80-20K00B	Bundle	20kVA/20kW no internal batteries*	\$28,500.00	Hardwired	731 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-20K04B	Bundle	20kVA/20kW 6 minute battery	\$32,460.00	Hardwired	1011 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-20K06B	Bundle	20kVA/20kW 11 minute battery	\$34,440.00	Hardwired	1151 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-20K08B	Bundle	20kVA/20kW 16 minute battery	\$36,420.00	Hardwired	1291 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-20K10B	Bundle	20kVA/20kW 21 minute battery	\$38,400.00	Hardwired	1431 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-20K12B	Bundle	20kVA/20kW 26 minute battery	\$40,380.00	Hardwired	1571 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-20K14B	Bundle	20kVA/20kW 31 minute battery	\$42,360.00	Hardwired	1711 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-20K16B	Bundle	20kVA/20kW 37 minute battery	\$44,340.00	Hardwired	1851 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-40K00B	Bundle	40kVA/40kW no internal batteries*	\$37,000.00	Hardwired	805 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-40K08B	Bundle	40kVA/40kW 6 minute battery	\$44,920.00	Hardwired	1365 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-40K10B	Bundle	40kVA/40kW 8 minute battery	\$46,900.00	Hardwired	1505 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-40K12B	Bundle	40kVA/40kW 11 minute battery	\$48,880.00	Hardwired	1645 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-40K14B	Bundle	40kVA/40kW 13 minute battery	\$50,860.00	Hardwired	1785 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-40K16B	Bundle	40kVA/40kW 16 minute battery	\$52,840.00	Hardwired	1925 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-60K00B	Bundle	60kVA/60kW no internal batteries*	\$45,500.00	Hardwired	879 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-60K10B	Bundle	60kVA/60kW 4 minute battery	\$55,400.00	Hardwired	1579 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-60K12B	Bundle	60kVA/60kW 6 minute battery	\$57,380.00	Hardwired	1719 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-60K14B	Bundle	60kVA/60kW 8 minute battery	\$59,360.00	Hardwired	1859 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-60K16B	Bundle	60kVA/60kW 9 minute battery	\$61,340.00	Hardwired	1999 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-80K00B	Bundle	80kVA/80kW no internal batteries*	\$54,000.00	Hardwired	953 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-80K14B	Bundle	80kVA/80kW 4 minute battery	\$67,860.00	Hardwired	1933 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-80K16B	Bundle	80kVA/80kW 6 minute battery	\$69,840.00	Hardwired	2073 lbs	23.6"W x 43.3"D x 79.1"H

*For use with external battery cabinet.

M90U-80 Series 208/120VAC Three phase 15/30/45/60kVA bundles including internal maintenance bypass

Input neutral is required

Model	Part Number	Description	List Price	Input & Output Connection	Unit Weight	Unit Dimensions (W x D x H)
M90U80-15K00B	Bundle	15kVA/15kW no internal batteries*	\$26,700.00	Hardwired	730 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-15K04B	Bundle	15kVA/15kW 9 minute battery	\$30,660.00	Hardwired	1010 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-15K06B	Bundle	15kVA/15kW 16 minute battery	\$32,640.00	Hardwired	1150 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-15K08B	Bundle	15kVA/15kW 22 minute battery	\$34,620.00	Hardwired	1290 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-15K10B	Bundle	15kVA/15kW 29 minute battery	\$36,600.00	Hardwired	1430 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-15K12B	Bundle	15kVA/15kW 37 minute battery	\$38,580.00	Hardwired	1570 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-15K14B	Bundle	15kVA/15kW 44 minute battery	\$40,560.00	Hardwired	1710 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-15K16B	Bundle	15kVA/15kW 52 minute battery	\$42,540.00	Hardwired	1850 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-30K00B	Bundle	30kVA/30kW no internal batteries*	\$33,400.00	Hardwired	803 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-30K06B	Bundle	30kVA/30kW 6 minute battery	\$39,340.00	Hardwired	1223 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-30K08B	Bundle	30kVA/30kW 9 minute battery	\$41,320.00	Hardwired	1363 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-30K10B	Bundle	30kVA/30kW 12 minute battery	\$43,300.00	Hardwired	1503 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-30K012B	Bundle	30kVA/30kW 16 minute battery	\$45,280.00	Hardwired	1643 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-30K014B	Bundle	30kVA/30kW 19 minute battery	\$47,260.00	Hardwired	1783 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-30K16B	Bundle	30kVA/30kW 22 minute battery	\$49,240.00	Hardwired	1923 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-45K00B	Bundle	45kVA/45kW no internal batteries*	\$40,100.00	Hardwired	876 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-45K08B	Bundle	45kVA/45kW 5 minute battery	\$48,020.00	Hardwired	1436 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-45K10B	Bundle	45kVA/45kW 7 minute battery	\$50,000.00	Hardwired	1576 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-45K12B	Bundle	45kVA/45kW 9 minute battery	\$51,980.00	Hardwired	1716 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-45K14B	Bundle	45kVA/45kW 11 minute battery	\$53,960.00	Hardwired	1856 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-45K16B	Bundle	45kVA/45kW 14 minute battery	\$55,940.00	Hardwired	1996 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-60Ka00B	Bundle	60kVA/60kW no internal batteries*	\$46,800.00	Hardwired	949 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-60Ka10B	Bundle	60kVA/60kW 4 minute battery	\$56,700.00	Hardwired	1889 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-60Ka12B	Bundle	60kVA/60kW 6 minute battery	\$58,680.00	Hardwired	2029 lbs	23.6"W x 43.3"D x 79.1"H
M90U80-60Ka14B	Bundle	60kVA/60kW 8 minute battery	\$60,660.00	Hardwired	2169 lbs	23.6"W x 43.3"D x 79.1"H

*For use with external battery cabinet

M90-BC Modular Battery Cabinet with Battery Modules Bundles

M90-BC includes up to 8 battery strings, each with individual front facing breakers

Model	Part Number	Description	List Price	Input & Output Connection	Unit Weight	Unit Dimensions (W x D x H)
M90-BC-04B	Bundle	M90-BC with 4 battery modules	\$16,300.00	Hardwired	1200 lbs	23.6"W x 43.3"D x 79.1"H
M90-BC-08B	Bundle	M90-BC with 8 battery modules	\$20,400.00	Hardwired	1540 lbs	23.6"W x 43.3"D x 79.1"H
M90-BC-12B	Bundle	M90-BC with 12 battery modules	\$24,500.00	Hardwired	1880 lbs	23.6"W x 43.3"D x 79.1"H
M90-BC-16B	Bundle	M90-BC with 16 battery modules	\$28,600.00	Hardwired	2220 lbs	23.6"W x 43.3"D x 79.1"H
M90-BC-20B	Bundle	M90-BC with 20 battery modules	\$32,700.00	Hardwired	2560 lbs	23.6"W x 43.3"D x 79.1"H
M90-BC-24B	Bundle	M90-BC with 24 battery modules	\$36,800.00	Hardwired	2900 lbs	23.6"W x 43.3"D x 79.1"H
M90-BC-28B	Bundle	M90-BC with 28 battery modules	\$40,900.00	Hardwired	3240 lbs	23.6"W x 43.3"D x 79.1"H
M90-BC-32B	Bundle	M90-BC with 32 battery modules	\$45,000.00	Hardwired	3580 lbs	23.6"W x 43.3"D x 79.1"H

M90-BC is an external battery cabinet for use with M90U-80 without internal batteries (00B), M90U-140, or M90LU.

M90U-80 Series Pricing

Model	Part Number	Description	List Price	Unit Weight	Unit Dimensions (W x D x H)
M90-ENC80 (Unity)	99000874	M90U-80 complete enclosure (80kVA max) includes large LCD display, static switch, and maintenance bypass. Holds up to 4 UPS modules, and 16 M90-80BAT battery modules	\$20,000.00	657 lbs	23.6" x 43.3" x 79.1"
M90-PWRM (Unity)	99000870	M90 unity 20kVA/20kW power module	\$8,500.00	74 lbs	19.5" x 29.5" x 5.5"
M90-PWRM15 (Unity)	99000871	M90 unity 15kVA/15kW power module	\$6,700.00	73 lbs	19.5" x 29.5" x 5.5"
M90-BC	90000716	External modular battery cabinet. Holds up to 32 M90-BCBAT battery modules. See below (M90-CBL) for optional Battery to UPS cable	\$12,200.00	860 lbs	23.6" x 43.8" x 79.1"
M90-BCBAT	90000764	M90-BC Battery Module with (5) HR1290 batteries. Fits M90-BC External Battery Cabinet	\$1,025.00	85 lbs	7.3" x 38.5" x 3.2"
M90-80BAT	90000763	M90U-80 battery tray (10) UPS 12580	\$990.00	70 lbs	4.3" x 28.5" x 6.5"
M90-80BT	90000851	Empty battery tray for M90-80	\$500.00	15 lbs	4.3" x 28.5" x 6.5"
M90-BCBT	90000851	Empty battery tray for M90-BC	\$525.00	14 lbs	7.3" x 38.5" x 3.2"
M90-BUS	90000767	M90BC paralled busbar kit	\$500.00	9 lbs	20"W x 4"D x 2.5" H
M90-SEIS	90000678	Seismic hold down anchorage*	\$1,900.00	TBA	TBA
M90-CBL	90001213	8' Cable kit for M90-BC to M90(U)-80/140	\$1,050.00	69 lbs	24" x 20" x 8"

*Must order one seismic kit for each enclosure and battery cabinet.

M90U-80 Series Connectivity

Model	Part Number	Description	List Price	Unit Weight	Shipping Dimensions (W x D x H)
SNMP-2P3	90000566	Two port internal SNMP card	\$349.00	1 lb	7.25" x 6" x 2.5"
MODBUS-IN	90000267	Internal modbus card	\$319.00	1 lb	7.25" x 6" x 2.5"
SNMP-EMD	90000398	Enviromental monitoring device*	\$180.00	1lb	7.25" x 6" x 2.5"
M90-COMM	90000498	Extra communication card for M90-80	\$370.00	1.b	5.7" x 5.2" x 1.7"
M90-BTS	90000796	Battery temperature sensor with 10' cable	\$66.00	1 lb	5.7" x 5.2" x 1.7"

*SNMP-EMD to be used with SNMP-2P3 **One M90-BTS may be used directly with CN6 on the STS module. Up to 4 M90-BTS may be used with M90-COMM.

M90U-80 Service Plans (USA and Canada)

Model	Part Number	Description	List Price
M90814SU581	90000768	Startup 5x8 and 1 year on-site warranty	\$5,900
M90814SU582	90000769	Startup 5x8 and 2 year on-site warranty	\$6,500.00
M90814SU583	90000770	Startup 5x8 and 3 year on-site warranty	\$9,600.00
M90814SU72	90000772	Startup 7x24 and 2 year on-site warranty	\$8,450.00
M90814SU73	90000773	Startup 7x24 and 3 year on-Site warranty	\$11,700.00
M90814EX1	90000774	1 year factory warranty extension	\$4,200.00
M90814PM7	90000775	M90U-80 preventative maintenance service, 7x24	\$4,900.00
SVCADD	9000077	Service adder for locations further than 100 miles	\$1,050.00

Standard 2 Year Factory UPS Warranty – 2 years electronics. Telephone technical support. Depot exchange. Ground shipment one way.

On Site Warranty – Startup is included, telephone technical support. Ground shipment both ways.

M90U-80 Service Plans for M90-BC (USA and Canada)

Example: On-site 3 year warranty and startup for M90-BC-12B (12 battery modules) system would need Qty (1) M90814SU583 + (12) MS0S3BM

Model	Module Service Plans	On-site 2 Year Warranty	On-site 3 Year Warranty
M90-BCBAT	M90-BCBAT battery module. Order one service plan for each battery purchased.	Model - TBD	Model - MS0S3BM
		TBD	PN: 90000729
		List: \$250	List:\$350

* Startup must be purchased for all on-site service plans. * Same level plan must be purchased for all battery modules.

Internal Battery Runtimes

Runtimes are shown in minutes and will vary based on battery condition, age, cycles, and ambient temperature.

System load (kVA)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
4 battery modules	37	16	9	6	-	-	-	-	-	-	-	-	-	-	-	-
6 battery modules	60	26	16	11	8	6	5	-	-	-	-	-	-	-	-	-
8 battery modules	85	37	23	16	12	9	8	6	5	-	-	-	-	-	-	-
10 battery modules	110	48	30	21	16	13	10	9	7	6	5	-	-	-	-	-
12 battery modules	127	60	37	26	20	16	13	11	9	8	7	6	-	-	-	-
14 battery modules	146	73	44	31	24	19	16	13	11	10	9	8	7	6	5	-
16 battery modules	169	85	52	37	28	23	19	16	13	12	10	9	8	7.5	7	6

Runtimes are shown in minutes and will vary based on battery age and site conditions. Runtimes are based on fully formed batteries.

M90-BC Runtimes

Runtimes are shown in minutes and will vary based on battery condition, age, cycles, and ambient temperature.

System load (KVA)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
4 battery modules	40	16	10	5	-	-	-	-	-	-	-	-	-	-	-	-
8 battery modules	97	40	24	16	13	10	7	5	-	-	-	-	-	-	-	-
12 battery modules	154	67	40	28	21	16	14	12	10	8	7	5	-	-	-	-
16 battery modules	216	97	58	40	30	24	20	16	15	13	11	10	8	7	6	5
20 battery modules	283	126	77	53	40	32	26	22	19	16	15	13	12	11	10	9
24 battery modules	346	154	97	67	50	40	33	28	24	21	18	16	15	14	13	12
28 battery modules	410	185	118	82	61	49	40	34	29	25	22	20	18	16.5	15	14
32 battery modules	475	216	134	97	73	58	47	40	34	30	27	24	21	20	18	16
36 battery modules	541	248	154	113	84	67	55	46	40	35	31	28	25	23	21	19
40 battery modules	608	283	174	126	97	77	63	53	46	40	35	32	29	26	24	22
44 battery modules	675	316	195	139	110	86	71	60	52	45	40	36	32	29	27	25
48 battery modules	743	346	216	154	121	97	79	67	58	50	45	40	36	33	30	28
52 battery modules	812	378	237	169	131	108	88	74	64	56	49	44	40	36	33	31
56 battery modules	881	410	259	185	142	118	97	82	70	61	54	49	44	40	37	34
60 battery modules	951	442	283	200	154	126	106	89	77	67	59	53	48	44	40	37
64 battery modules	1022	475	305	216	166	134	115	97	83	73	64	58	52	47	43	40

For runtimes with more than 32 battery modules, a second M90-BC must be used. A parallel bus bar kit is required for all bundles that include (2) M90-BC.