

UPS Series VRLA Batteries

For High Rate UPS Applications



The SBS UPS series battery is suitable for ALL critical power UPS applications including UL924 emergency lighting. Designed with high-density thin plate technology, the UPS battery will deliver up to 30% additional watts per cell than the typical UPS battery of equal footprint. All jars are flame-retardant polypropylene (UL1778) as standard at no additional cost. The UPS series VRLA battery ensures your optimum longevity, reliability and availability. SBS offers complete replacement services, IEEE testing and redundant battery strings in cabinets or on rack systems.

Features & Benefits

- Premium high-rate UPS battery
- Design Life: up to 10 years in float service at 77°F
- Wide operating temperature: -10°F to 140°F; optimal 68°F to 77°F
- Cycle life: 1800 cycles at 80% DOD at 77°F - (5200 cycles at 20% DOD)
- Maintenance free – no water top-up required throughout service life
- Transports via surface, water and air as “non-hazardous”
- No corrosive fumes – special battery room not required.
- Designed in compliance with Bellcore 4228 standards for recombination, thermal runaway prevention, gassing and flame retardant polypropylene cases (UL1778, 924, 94 V-O) at no additional cost
- Can be mounted both in horizontal and vertical orientation

Certifications & Standards

- UL Recognized Components
- IEC/EN 60896-2 certified by CSA
- ISO 9000 certified
- ISO 14000 certified

Applications

- UPS
- Telecommunications
- Emergency Lighting
- Utility
- Oil and Gas
- Railways

Technical Data									Cross Reference Table		
Part No.*	Volt (V)	Cells	C20 A/hr	WPC**	Length (in)	Width (in)	Height (in)	Weight (lbs.)	C&D MR	C&D Dynasty	PWRBAT
UPS12-25WFR	12	6	5.6	25	3.54	2.76	4.21	4.63	–	–	–
UPS12-35WFR	12	6	8.5	35	5.94	2.56	3.98	7.05	–	–	–
UPS12-106WFR	12	6	28	106	6.53	5.00	6.85	22.00	–	UPS12-100FR	PM1228F
UPS12-210WFR	12	6	57	210	5.43	8.18	8.34	40.00	MR12-210	UPS12-200FR	TC1255S
UPS12-285WFR	12	6	75	285	10.23	6.65	8.30	62.00	MR12-300	UPS12-270FR	TC1290S
UPS12-330WFR	12	6	91	330	12.08	6.65	8.30	67.00	MR12-350	UPS12-310FR	TC12100S
UPS12-381WFR	12	6	100	381	12.91	6.77	8.42	75.00	MR12-400	UPS12-370FR	TC12120S
UPS12-540WFR	12	6	157	540	13.42	6.81	11.29	105.00	MR12-540	UPS12-475FR	TC12150S
UPS6-770WFR	6	3	215	770	12.67	6.96	8.89	79.00	–	UPS6-620FR	–

Performance Data**											
Part No*	5 min	10 min	15 min	20 min	30 min	40 min	45 min	50 min	60 min	90 min	
UPS12-25WFR	50.5	33.2	25.0	19.8	14.9	11.8	10.9	9.92	8.47	6.00	
UPS12-35WFR	68.0	44.0	35.0	28.0	21.5	17.6	15.7	14.0	11.8	8.90	
UPS12-106WFR	205	140	106	84.0	62.0	50.4	45.3	41.2	36.6	25.8	
UPS12-210WFR	420	277	210	171	125	95.7	90.6	81.8	71.3	50.3	
UPS12-285WFR	562	374	285	237	177	136	128	116	102	72.0	
UPS12-330WFR	628	428	330	271	202	164	148	132	117	82.5	
UPS12-381WFR	721	497	381	312	231	187	169	151	134	94.5	
UPS12-540WFR	981	690	540	447	336	276	249	220	200	141	
UPS6-770WFR	1308	969	770	646	489	397	363	320	289	204	

*Other sizes available

**Watts for 15 min to 1.67vpc @ 77°F