SOLANCE INDUSTRIES SA

Technical Details Of UPS Battery

Parameters	Battery Type								
Battery Type	Lead Acid VRLA	Lead Acid VRLA	Lead Acid VRLA	Lead Acid VRLA	Lead Acid VRLA	Lead Acid VRLA	Lead Acid VRLA	Lead Acid VRLA	Lead Acid VRLA
Voltage (Volts)	12	12	12	12	12	12	12	12	12
Rated Capacity @ C20 (Ah)	26	26H	42	65	100	120	150	200	200AH @ C10
Nomenclature	SLV 26	SLVH 26	SLV 42	SLV 65	SLV 100	SLV 120	SLV 150	SLV 200	SLV 200
Layout	L-0	L-0	L-0	L-0	L	L	L	L	L
Material Construction	ABS - Epoxy	ABS - Epoxy	ABS - Epoxy	ABS - Epoxy	ABS - Epoxy	ABS - Epoxy	ABS - Epoxy	ABS - Epoxy	ABS - Epoxy
Overall Dimensions in mm (±1mm)(L X W X H)	166 X 176 X 126	165 X 125 X 174	197 X 166 X 175	349 X 167 X 174	330 X 173 X 218	405 X 170 X 238	484 X 170 X 242	522 X 240 X 216	522 X 240 X 216
Inter Cell Welding	OTP	OTP	OTP	OTP	OTP	OTP	OTP	OTP	OTP
Terminal Of Battery	Screw Terminal	Screw Terminal	Screw Terminal	Screw Terminal	Screw Terminal	Screw Terminal	Screw Terminal	Screw Terminal	Screw Terminal

Test Characteristic	Test Standard	Electrical Performance								
1. One C test (Discharge Amp : 1*C20I, Duration to 9.6V is 27min)	JIS C 8702-1:2003	≥32	≥32	≥32	≥32	≥32	≥32	≥32	≥32	≥37
2. Capacity C20 (Performance Capability - 100% Capacity)	JIS C 8702-1:2003	≥ 26	≥ 26	≥ 42	≥ 65	≥ 100	≥ 120	≥ 150	≥ 200	-
3. Capacity C10 (Performance Capability - 100% Capacity)	JIS C 8702-1:2003	-	-	-	-	-	-	-	-	≥ 200
4. Capacity C3 (Performance Capability - 100% Capacity)(Ah)	IS:6304:1992(Ref)	≥ 18	≥ 18	≥ 28	≥ 43	≥ 65	≥ 78	≥ 97	≥ 130	≥ 143
5. Charge retention (>75% capacity retain after 120 Days)	JIS C 8702-1:2003	≥ 80%	≥ 80%	≥ 80%	≥ 80%	≥ 80%	≥ 80%	≥ 80%	≥ 80%	≥ 80%
6. Charge acceptance test after deep discharge(Capacity >75%)	JIS C 8702-1:2003	≥ 82%	≥ 82%	≥ 82%	≥ 82%	≥ 82%	≥ 82%	≥ 82%	≥ 82%	≥ 82%
7. Ah Efficiency % (>90%)	IS:6304:1992(Ref)	≥ 92%	≥ 92%	≥ 92%	≥ 92%	≥ 92%	≥ 92%	≥ 92%	≥ 92%	≥ 92%
8. Wh Efficiency % (>75%)	IS:6304:1992(Ref)	≥ 80%	≥ 80%	≥ 80%	≥ 80%	≥ 80%	≥ 80%	≥ 80%	≥ 80%	≥ 80%
9. Endurance Cycle (Min 200Cycle) @80% DOD	JIS C 8702-1:2003	≥ 200	≥ 200	≥ 200	≥ 200	≥ 200	≥ 200	≥ 200	≥ 200	≥ 200
10. Stop to work at temperature	-	-30°C	-30°C	-30°C	-30°C	-30°C	-30°C	-30°C	-30°C	-30°C