



SATELLITE CONTROLLER POWER WIRE SIZING WORKSHEET

GOLF SATELLITE CONTROLLERS

MODEL	INPUT (VAC)	OUTPUT (VAC)	MAXIMUM RAIN BIRD* SOLENOIDS PER CLOCK/STATION		AMP DRAW AT REST																
						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
PAR+ES Dec Controller LINK/R	117	26.5	16	2	.250	.265	.273	.281	.289	.297	.305	.313	.321	.329	.337	.345	.353	.361	.369	.377	.385
PAR+ES** Dec Controller	117	26.5	16	2	.235	.250	.258	.264	.272	.280	.288	.296	.304	.312	.320	.328	.336	.344	.352	.360	.368
PAR+ ES	117	26.5	16	4	.15	.22	.30	.37	.45	.52	.60	.67	.75	.82	.90	.97	1.05	1.12	1.20	1.27	1.35
PAR+ ES LINK/R	117	26.5	16	4	.17	.24	.32	.40	.47	.54	.62	.70	.77	.84	.92	.99	1.07	1.14	1.22	1.29	1.37
MSC+	117	26.5	16	4	.20	.28	.35	.42	.50	.58	.65	.73	.80	.88	.95	1.03	1.10	1.18	1.25	1.33	1.40
MSC+LINK/R	117	26.5	16	4	.22	.30	.37	.44	.52	.60	.67	.75	.82	.90	.97	1.05	1.12	1.20	1.27	1.35	1.42
PAR+	117	26.5	12	4	.15	.22	.30	.37	.45	.52	.60	.67	.75	.82	.90	.97	1.05	-	-	-	-
PAR+LINK/R	117	26.5	12	4	.17	.24	.32	.39	.47	.54	.62	.69	.77	.84	.92	.99	1.07	-	-	-	-
PAR-16/24	117	26.5	6	6	.13	.20	.27	.34	.41	.48	.55	-	-	-	-	-	-	-	-	-	-
PAR-LINK/R	117	26.5	6	6	.13	.20	.27	.34	.41	.48	.55	-	-	-	-	-	-	-	-	-	-
MSC-16/24	117	26.5	8	8	.13	.20	.27	.34	.41	.48	.55	.62	.69	-	-	-	-	-	-	-	-
MSC-LINK/R	117	26.5	8	8	.13	.20	.27	.34	.41	.48	.55	.62	.69	-	-	-	-	-	-	-	-
COM-LINK	117	26.5	8	4	.11	.18	.25	.32	.39	.46	.53	.60	.67	-	-	-	-	-	-	-	-
COM-LINK/R	117	26.5	8	4	.13	.20	.27	.34	.41	.48	.55	.62	.69	-	-	-	-	-	-	-	-
COM-2-WIRE	117	26.5	8	4	.11	.18	.25	.32	.39	.46	.53	.60	.67	-	-	-	-	-	-	-	-
SBM-1230	117	26.5	8	8	.21	.28	.35	.42	.49	.56	.63	.70	.77	-	-	-	-	-	-	-	-

* Includes Master Valve

** Considering 72 decoders installed

NOTE: Total AMP DRAW in chart is based on 117 VAC input. For 220/240 VAC input controllers, use 50% of amp draw shown in chart