

Motion

- Adopt class table in gardner_3bu_5_0315.

Y: 19

N: 0

A: 6

Revised Class Table

System Class								
R_{Loop} loss 20%	I (12V)	II (12V)	II (24V)	III (24V)	III (48V)	IV (48V)	V (48V)	VI (Open)
* $V_{PSE(max)}$ (V)	14	14	28	28	56	56	56	-
* $V_{PSE(min)}$ (V)	9	9	18	18	36	36	36	-
$I_{PI(max)}$ (A)	0.28	0.69	0.35	0.69	0.35	0.87	2.08	-
** $R_{Loop(max)}$ (Ω)	6.5	2.6	10.4	5.2	20.7	8.3	3.5	-
$V_{PD(min)}$ (V)	7.2	7.2	14.4	14.4	28.8	28.8	28.8	-
*** P_{PSE} (W)	2.5	6.25	6.25	12.5	12.5	31.25	75	-
**** $P_{PD(max)}$ (W)	2	5	5	10	10	25	60	-

* V_{PSE} is the open circuit voltage measured at the PSE PI.

** R_{Loop} is defined as the sum of the PSE source resistance and link segment round trip resistance.

*** P_{PSE} is the maximum power the PSE is required to source w/out regard to voltage and current.

**** P_{PD} is the guaranteed available power at the PD PI.