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SPM SPECIFICATIONS

Model	Peak (Amps)	2 Min (Amps)	5 Min (Amps)	Continuous (Amps)
SPM48225 ¹	200/225 ²	200	150	125
SPM48300 ¹	300/350 ²	300 (1.5min)	230	210
SPM48400 ¹	400/460 ²	400	320	300
SPM48500 ¹	500/575 ²	500	420	380
SPM48600 ¹	600/690 ²	600	500	450
SPM48800 ¹	800/920 ²	800 (1.5min)	600	550
SPM72200 ¹	200/225 ²	200	175	150
SPM72300 ¹	300/350 ²	300	250	220
SPM72400 ¹	400/460 ²	400 (1.5min)	300	270
SPM72500 ¹	500/575 ²	500	420	380
SPM72650 ¹	650/740 ²	650	500	450

All ratings are at 20°C, with nominal rated voltage at 50% PWM. Actual currents ratings are ±5% listed amperages.

Note¹: SPB, EZ and HD Models have the same specifications as the parent model

Note²: The larger number represents the value when the “Peak Amp Mode” is enabled in the Alltrax Toolkit program.

Type: Series Motor Controller
Operating Frequency: 18kHz
Controller Voltage, KSI & Reverse: SPM48XXX 24-48V nom, 62V max
 SPM72XXX 24-72V nom, 90V max
 SPM48800 36-48V, nom, 62V max
Operating Temperature: -25°C to 85°, shutdown @ 95°C
Standby Current (Power): <1W nom, <8W Fan On
KSI & Rev Pin Input Current: <20mA
Relay Drive Current: 5A peak, 1A Cont.
Plug Brake Current: SPBXX200 -100A current limited
 SPBXX400 - 150A current limited
Throttles Supported: 0-5k, 5k-0, E-Z-GO ITS, Club Cart 5k-0 3 Wire (MCOR), 0-5v, Taylor Dunn 6v-10.5v, USB Throttle, Yamaha 0-1k, Absoute Mode



Connector Information:

- Standard Models - Standard 4 pin spade (KSI, Hi Throt, Lo Throt, 1/2 Speed Reverse)
- EZ Models – Contains both the standard 4 pin spade terminals and the E-Z-GO 5 pin connector
- HD Models – Uses a 14 pin AMPSEAL® Connector #776273-1 to use the extended feature set.