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SPM SPECIFICATIONS

Model	Peak (Amps)	2 Min (Amps)	5 Min (Amps)	Continuous (Amps)
SPM48200 ¹	TBD	TBD	TBD	TBD
SPM48300 ¹	300/350 ²	300	250	220
SPM48400 ¹	400/460 ²	400	320	280
SPM48500 ¹	500/575 ²	500	420	400
SPM48600 ¹	600/690 ²	600	480	450
SPM48800 ¹	TBD	TBD	TBD	TBD
SPM72200 ¹	300/350 ²	300	250	220
SPM72300 ¹	300/350 ²	300	250	220
SPM72400 ¹	400/460 ²	400	320	280
SPM72500 ¹	TBD	TBD	TBD	TBD
SPM72650 ¹	TBD	TBD	TBD	TBD

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
Voltage Drop @ 100A:	< 0.18V
Controller Voltage, KSI & Reverse:	SPM48XXX 24-48V nom, 62V max SPM72XXX 24-72V nom, 90V max
Operating Temperature:	-25°C to 85°, shutdown @ 95°C
Standby Current (Power up):	<35mA (nom)
Reverse Pin Input Current:	<0.02A
Relay Drive Current:	5A peak, 0.5A Cont.
Plug Brake Current:	100A 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:

HD Models – Use the 14 pin AMPSEAL® Connector #776273-1 to mate with the controller.