NPX CONTROLLER FOR
STOCK SERIES DC MOTORS

Model: NPX4834 / NPX4844
NPX4834EZ / NPX4844EZ
Stock Applications ONLY

**Type:** Stock replacement for Series wound DC motors

**Battery Input Voltage:**
- 24 – 48VDC Nominal, 60VDC max

**Undervoltage cutback:**
- 16 VDC

**Overvoltage shutdown:**
- 55 VDC

**Armature Current Limit, PEAK:**
- 300A / 400A

**Armature Current, 2 minutes:**
- 275A / 300A

**Armature Current, 1 hour:**
- 125A / 135A

**Operating Frequency:**
- 18kHz

**Control voltage range:**
- Key (KSI), Throttle, and Reverse inputs: 24 – 48VDC Nom, 60VDC max
- Standby Current: < 25mA
- Throttle Input: ITS (inductive), 0-5K, 5K-0 Ohm 3-wire (+/-10% resistive)
- Throttle Ramp up rates: 1.5 seconds
- Operating Temperature: -25°C to 75°C, 95°C shutdown

These controllers are Non-Programmable and intended to be used as stock replacements only. Not to be used in place of our high performance programmable AXE controllers. The NPX4834EZ & NPX4844EZ are set up for ITS throttle and have the 5 pin E-Z-GO connection for a true plug and play controller. The NPX4834 & NPX4844 must be specifically ordered for ITS, 0-5K or 5K-0 3 wire throttle sensors.