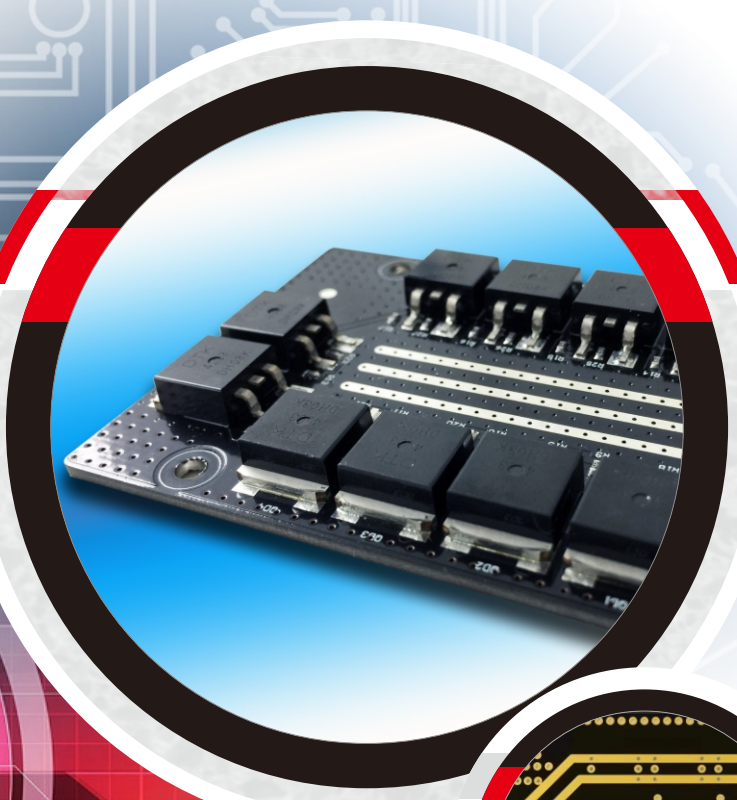
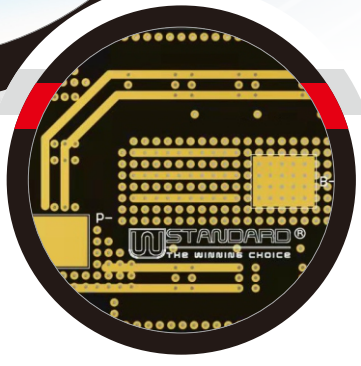
CHARGING FORWARD

BATTERY MANAGEMENT SYSTEM PROTECTION





Battery Management System-
The BMS or Battery Management System consists of several industry leading, advanced proprietary technical components and microprocessor operations that take place inside the W-Standard lithium-ion battery that act in concert to maintain the optimal performance, production and long life of your battery.

MOS Semiconductor-
Made in the USA, the high quality, stable and ultra-reliable internal Metal Oxide Semiconductor board, or MOS is designed exclusively for W-Standard and is the intelligence center of the state-of-the-art W-Standard lithium-ion battery. The MOS system can instantly deliver, called discharge, up to 1000 amps of cracking power to immediately start even the largest displacement engine.

Over Discharge Protection-
The BMS system with its millisecond processing capability also protects the battery from ever running too low on voltage, called over discharge. The BMS system provides added safety and peace of mind protection against the possibility of battery damaging over discharge.

Recovery Volt Value-
Part of the onboard Battery Management System is the Recovery Volt Value or RVV, which refers to the voltage value or number of volts the battery returns to in the event the MOS protection is tripped. The W-Standard RVV does not allow a discharge below 10V protecting the motorcycle and the battery more effectively. A discharge below 8V could damage the battery and possibly render it unchangeable.

Recovery voltage value: 10.0V
Over discharge protection voltage value: 8.1V
BMS self-consumption: Less than 50uA

STANDARD USA®
THE WINNING CHOICE

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