



**48V2.6A EV CHARGER**

**60V3A EV CHARGER**

**72V2.6A EV CHARGER**



## Salient Features

- Designed to meet adverse Indian power condition.
- Two stage (CC-CV Float and Boost Mode) / Four stage battery charging. Micro controller-based profile as per battery needs.
- Wide Input Operating Range 170V-300V.
- High efficiency – consumes less power.
- Accurate Battery Charging Current Limit.
- Battery reverse polarity protection (fuse).
- Overload protection.
- Over Temperature shutdown with auto recovery.

# SPECIFICATIONS

Parameter	STL4826 - 48V / 2.6A	STL6030A - 60V / 3A	STL7226 - 72V / 2.6A
<b>AC Input</b>			
AC Input Voltage -Range	: 170-300VAC	170-300VAC	170-300VAC
AC Input Voltage -nominal	: 230VACrms	230VACrms	230VACrms
AC Input Frequency	: 47-63Hz	47-63Hz	47-63Hz
AC Input Current -maximum	: 1.3Amps	1.8Amps	2.0Amps
<b>DC Output</b>			
DC Output Voltage - Float mode	: 54.8VDC±0.4V / As per customer requirement	68.5VDC±0.5V / As per customer requirement	82.2VDC±0.5V / As per customer requirement
DC Output Voltage - Boost mode	: 58.8VDC±0.4V	73.5VDC±0.5V	88.2VDC±0.5V
DC Output Current	: 2.6A±0.1A	3.0A±0.2A	2.6A±0.2A
DC Output Line & Load Regulation	: Tolerance±2% at cable	Tolerance±2% at cable	Tolerance±2% at cable
DC Ripple / Noise	: <500mV / <1000mV Pk-Pk	<600mV / <1200mV Pk-Pk	<600mV / <1200mV Pk-Pk
<b>Protection</b>			
Output over load	: Available	Available	Available
Output short circuit	: Available	Available	Available
Output over voltage	: Available	Available	Available
Over temperature	: Available	Available	Available
Battery reverse	: Available	Available	Available
Boost charging safety timer	:	Available / customer requirement	Available / customer requirement
<b>Environmental</b>			
Operating Temperature	: 0°C to +50°C	0°C to +50°C	0°C to +50°C
Storage Temperature	: -10°C to +60°C	-10°C to +60°C	-10°C to +60°C
<b>Mechanical</b>			
Enclosure	: ABS Plastic	ABS Plastic	ABS Plastic
Dimensions	: W=153mm, H=45mm, D=72mm	W=184mm, H=65mm, D=104mm	W=184mm, H=65mm, D=104mm
Weight	: 550Grams	830Grams	830Grams
AC Input Connector	: 2core 3pin AC plug with 2meters length	2core 3pin AC plug with 2meters length	2core 3pin AC plug with 2meters length
DC Output Connector	: 2core cable with 1.2meter length	1.2meter length	1.2meter length
<b>Operation</b>			
Output ON LED	: Green LED	Green LED	Green LED
Charging	: Red LED	Red LED	Red LED
Charge Completed	: Green LED Constant	Green LED Constant	Green LED Constant



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