



300 Series

32 VOLT DC Electric Screwdrivers



Solid construction and innovative design are apparent everywhere on these tools. Accurate torque control and superb ergonomics make them perfect for electronic assembly. All models feature ESD safe housings and externally replaceable brushes. Fan equipped motors and flow through ventilation keep these tools running cool - increasing tool life and operator comfort. Our low torque models are some of the smallest and lightest available, making them well suited for precision assembly operations.

- Accurate Torque Control.
- Lockable Torque Adjustment - optional torque locking sleeve makes it easy to set up and secure.
- Wide Torque Range - single model versatility .
- Rare Earth Magnet Motor - high torque output .
- Low Torque Reaction.
- Compact - light and easy to handle.
- Ergonomic Design - soft cushioning in grip area ensures operator comfort and reduced fatigue.
- All models feature ESD safe housings.
- CE Certified.
- RoHS Compliant.



Model Number	Start Type	Range In.Lbs	Range Nm	Speed (RPM) Hi	Speed (RPM) Lo	Length in / mm	Diameter in / mm	Weight lbs / g
ESL310S-ESD	Lever	0.2 - 3.1	0.02 - 0.35	500	350	8.9 / 205	1.25 / 32	0.7 / 280
ESL310-ESD	Lever	0.2 - 3.1	0.02 - 0.35	1000	700	8.9 / 205	1.25 / 32	0.7 / 280
ESL311-ESD	Lever	0.4 - 6.2	0.05 - 0.7	1000	700	8.9 / 205	1.25 / 32	0.7 / 280
ESL312-ESD	Lever	0.9 - 8.8	0.1 - 1.0	670	470	8.9 / 205	1.25 / 32	0.7 / 280
ESL323-ESD	Lever	2 - 12	0.2 - 1.4	1000	700	9.4 / 230	1.46 / 37	1.1 / 480
ESL323P-ESD	Push	2 - 12	0.2 - 1.4	1000	700	9.4 / 230	1.46 / 37	1.1 / 480
ESL324-ESD	Lever	3 - 16	0.3 - 1.8	1000	700	9.4 / 230	1.46 / 37	1.1 / 480
ESL324P-ESD	Push	3 - 16	0.3 - 1.8	1000	700	9.4 / 230	1.46 / 37	1.1 / 480
ESL327-ESD	Lever	6 - 23	0.68 - 2.6	850	600	10 / 260	1.5 / 38	1.3 / 600
ESL327P-ESD	Push	6 - 23	0.68 - 2.6	850	600	10 / 260	1.5 / 38	1.3 / 600
ESL328-ESD	Lever	7 - 30	0.8 - 3.4	570	400	10 / 260	1.5 / 38	1.3 / 600
ESL328P-ESD	Push	7 - 30	0.8 - 3.4	570	400	10 / 260	1.5 / 38	1.3 / 600
ESL329-ESD	Lever	15 - 41	1.7 - 4.6	530	370	10.5 / 267	1.5 / 38	1.8 / 820
ESL329P-ESD	Push	15 - 41	1.7 - 4.6	530	370	10.5 / 267	1.5 / 38	1.8 / 820

Power Controllers

The 300 Series of power supply / controllers act as AC to DC transformers and torque controllers. The electronic control circuit cuts the power to the motor in response to the limit set by the user. The units feature Hi/Lo speed selection and are available in single and dual outlet models.

Model Number	Outlets	Speeds	CE & RoHS Approved	Output	Input	Dimensions L x W x H (in)	Weight (lb)
ECT300	1	2	NO	32V DC	120V AC	8.3 x 4.7 x 3.9	4.9
ECT345	2	2	NO	32V DC	120V AC	8.3 x 4.7 x 3.9	4.9
ECT345E	2	2	YES	32V DC	220V AC	8.3 x 4.7 x 3.9	4.9
ECT320	1	2	YES	32V DC	100-240V AC	7.7 x 3 x 2.2	1.0



ECT345 Controller



ECT320 Controller

Slow-Start / Output Signal Module

The ECT3-SSO control module allows you to add “Slow-Start” and “Output Signal” capability to your Delta Regis 32V electric screwdrivers. This external control module plugs in-line between our 32V DC power supply / controllers and your electric screwdriver to provide an adjustable slow-start control and output signal capability.

Model Number	Slow Start Time	Slow Start Speed	Signal Output (Relay Contact)	Cable Length	Dimensions (in)
ECT3-SSO	0 ~ 3 seconds	30-100% full speed	30V DC, 0.3A 30V AC, 0.3A	1 ft	2.3 x 3.7 x 1.4



ECT3-SSO Slow-Start Module

Screwdriver Accessories

Description	Part Number	Applicable Models
Angle Attachment	DR80-10160	ESL327/328
Angle Attachment	DR80-10161	ESL323/324
Cable assembly, 6-pin, 2m	DR96-10016B	all 32V DC models
Cable assembly, 6-pin, 3m	DR96-10018	all 32V DC models
Cable assembly, 6-pin, 6m	DR96-10020	all 32V DC models
Cable assembly, 6-pin, 9m	DR96-10030	all 32V DC models
Pistol Grip Attachment	DR80-10070	ESL310/310S/311/312
Pistol Grip Attachment	DR80-10080	ESL323/323P/324/324P/327/327P/328/328P
Pistol Grip Attachment	DR80-10090	ESL329/329P
Tool Holster	DR80-10136	ESL310/310S/311/312/323*/324*
Tool Holster	DR80-10135	ESL327/327P/328/328P/329/329P
Torque Locking Sleeve	DR80-10131	ESL327/327P/328/328P
Torque Locking Sleeve	DR80-10132	ESL323/323P/324/324P
Torque Locking Sleeve	DR80-10133	ESL310/310S/311/312
Vacuum Pick-up		Please contact us per application

*Note regarding tool holsters: If the ESL323/324 has a torque locking sleeve installed, use the larger DR80-10135 tool holster.

Need screwdriver bits or sockets? Please consult our web site or call for assistance.



DR80-10070
Pistol Grip



DR80-10160
Angle Attachment



DR80-10133
Torque Locking Sleeve



DR96-10016
Cable Assembly



DR80-10135
Tool Holster



Shut-Off Clutch **DIRECT PLUG-IN** AC Electric Screwdrivers

Our new direct plug-in 300 Series electric screwdrivers meet the demand of today's manufacturing environment. Accurate torque control and superb ergonomics make them perfect for electronic assembly. These units plug directly into an AC outlet eliminating the need for an external power supply. Stepless torque adjustment in ranges starting from 2 to 40 in.lbs.

- Convenient Direct Plug-In Screwdrivers - built-in AC to DC rectifier allows screwdrivers to plug in directly to a 120V AC outlet (**230V AC available**)
- Once the pre-set torque is reached, the motor shuts down
- Lockable External Torque Adjustment - easy to set up and secure with optional torque lock sleeve
- Ergonomic Design - soft cushioning in grip area ensures operator comfort and reduced fatigue
- Externally replaceable brushes
- Built-in Noise Filtering Module - allows these tools to be used in sensitive electronic environments
- 9 foot cord
- 1/4 inch hex quick change chuck allows rapid bit change
- available in lever and push start models



Model Number	Start Type	Range In.Lbs	Range Nm	Speed (RPM)	Length in / mm	Diameter in / mm	Weight Lbs / g
ESL300	Lever Start	2 - 12	0.2 - 1.4	1000	9.5 / 241	1.5 / 38	1.2 / 544
ESL300P	Push Start	2 - 12	0.2 - 1.4	1000	9.5 / 241	1.5 / 38	1.2 / 544
ESL301	Lever Start	4 - 19	0.45 - 2.1	1000	9.5 / 241	1.5 / 38	1.2 / 544
ESL301P	Push Start	4 - 19	0.45 - 2.1	1000	9.5 / 241	1.5 / 38	1.2 / 544
ESL302	Lever Start	12 - 40	1.4 - 4.5	525	10.5 / 267	1.6 / 41	1.7 / 771
ESL302P	Push Start	12 - 40	1.4 - 4.5	525	10.5 / 267	1.6 / 41	1.7 / 771

Note: Add suffix "E" to the model number for 230 volt version.

Shut-Off Clutch Screwdriver Accessories

Pistol Grip Attachments

Convert your tools to pistol grip configuration with this pistol grip attachment. The kit includes a bail for suspending the tool in a balanced horizontal position

- Clamshell design facilitates easy installation and removal
- Comfort grip reduces operator fatigue

Part Number	Applicable Models
DR80-10080	ESL300/P/301/P
DR80-10090	ESL302/302P



Angle Attachment

Convert your screwdriver to an angle driver.

Part Number	Applicable Models
DR80-10161	ESL300/301
DR80-10160	ESL302



Torque Locking Sleeve

The torque locking sleeve threads on over the torque adjusting nut to prevent tampering with the torque setting.

Part Number	Applicable Models
DR80-10130	ESL302/P
DR80-10132	ESL300/P/301/P



Tool Holster

A great alternative for those situations when a tool stand and balancer cannot be used. Keeps your screwdriver at the ready and preserves useable real estate on your work surface. Fastens to the edge of work surface with 3 screws.

Part Number	Applicable Models
DR80-10135	ESL302/P
DR80-10136	ESL300/P/300/P



Tool Stands

Tool stands are recommended to protect your investment and decrease clutter on your workbench. The DR90-30001 tool stand will support up to 10 lbs total.

Part Number	Description
DR90-30001	Tool Stand 44" H x 24" reach
DR90-3ARMKIT	Extra Arm Kit
DR90-3CLAMP	Bench Clamp



Tool Balancers

Tool balancers in conjunction with a tool stand will keep your screwdriver at the ready, leaving your work area clear when not in use. These tool balancers feature easy adjustment and installation.

Part Number	Description	Applicable Models
DR90-10103	1.5 – 3.0 lbs, 6 ft travel	All



Need screwdriver bits or sockets? Please consult our web site or call for assistance.



Slip Clutch **DIRECT PLUG-IN** AC Electric Screwdrivers

Our Slip Clutch series of 120V AC direct-plug in electric screwdrivers are an economical solution for general assembly. Perfect for box build and self tapping applications, these units plug directly into a 120V AC outlet eliminating the need for an external power supply. Stepless torque adjustment in ranges starting from 1.7 to 35 in.lbs and speeds from 500 to 1000 RPM.

- Convenient Direct Plug-In Screwdrivers - built-in AC to DC rectifier allows screwdrivers to plug in directly to a 120V AC outlet (**220V AC available**)
- Clutch slips once the pre-set torque is reached
- Well suited for tapping screw applications
- Ergonomic Design - slim ergonomic grip for operator comfort
- Externally replaceable brushes
- 1/4 inch hex quick change chuck allows rapid bit change



Model Number	Start Type	Range In.Lbs	Range Nm	Speed (RPM)	Length in / mm	Diameter in / mm	Weight Lbs / g
ESL500	Lever Start	1.7 - 13.2	0.20 - 1.47	1000	9.1 / 230	1.4 / 36	1.1 / 480
ESL501	Lever Start	4.5 - 21.5	0.49 - 2.45	1000	10.4 / 264	1.5 / 38	1.3 / 590
ESL502	Lever Start	6 - 30	0.68 - 3.4	700	10.4 / 264	1.5 / 38	1.3 / 590
ESL503	Lever Start	8 - 35	0.9 - 3.95	500	10.4 / 264	1.5 / 38	1.3 / 590

Slip-Clutch Screwdriver Accessories

Pistol Grip Attachments

Convert your tools to pistol grip configuration with this pistol grip attachment. The kit includes a bail for suspending the tool in a balanced horizontal position

- Clamshell design facilitates easy installation and removal
- Comfort grip reduces operator fatigue

Part Number	Applicable Models
DR80-10070	ESL500
DR80-10090	ESL501/502/503



Torque Locking Sleeve

The torque locking sleeve threads on over the torque adjusting nut to prevent tampering with the torque setting.

Part Number	Applicable Models
DR80-10131	ESL501/502/503
DR80-10132	ESL500



Tool Holster

A great alternative for those situations when a tool stand and balancer cannot be used. Keeps your screwdriver at the ready and preserves useable real estate on your work surface. Fastens to the edge of work surface with 3 screws.

Part Number	Applicable Models
DR80-10135	ESL501/502/503
DR80-10136	ESL500



Tool Stands

Tool stands are recommended to protect your investment and decrease clutter on your workbench. The DR90-30001 tool stand will support up to 10 lbs total.

- Aluminum construction
- Adjustable height to 44"
- Reach to 24"
- Slide hanger for horizontal motion
- Add a second arm with kit# DR90-3ARMKIT

Part Number	Description
DR90-30001	Tool Stand 44" H x 24" reach
DR90-3ARMKIT	Extra Arm Kit
DR90-3CLAMP	Bench Clamp



Tool Balancers

Tool balancers in conjunction with a tool stand will keep your screwdriver at the ready, leaving your work area clear when not in use. These tool balancers feature easy adjustment and installation.

Part Number	Description	Applicable Models
DR90-10103	1.5 – 3.0 lbs, 6 ft travel	ESL501/502/503



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