

# ***HIGH TORQUE with HIGH TECH***

**Harness the POWER of DATA  
with Acradyne's Gen IV Platform**

## **Features and Benefits**

- Built-in integral transducer for optimal monitoring and control
- One of the **most accurate** high-torque tools in the world
- 250 Nm – 12,000 Nm
- The world's **ONLY** traceable system at the square drive
- Three tightening strategies:
  - *Torque Control*: Drive the tool to a pre-set Target Torque
  - *Angle Control*: Drive the tool to or measure a pre-set Degree of Angle
  - *Yield Control*: Drive the tool to the Fastener Yield Point to achieve maximum clamp load
- Data retrieval
- Two-year anvil-to-handle warranty\*
- Designed and **MADE IN THE USA**

\* or 100,000 cycles, whichever comes first.  
See additional details.

## ***One Flexible System, No Guesswork***

Acradyne's Gen IV Critical Bolting Platform is one of the most advanced bolting/tool systems in the world. The iEC controller/tool system measures traceable, dynamic torque directly at the square drive. The built-in transducer ensures accurate torque values.





## High Torque DC Bolting Tools



- Ergonomic, robust design with two handle configurations that are also available in dual-lever models
- 360° swivel gearcase
- High-cycle gearing
- The torque reported is the torque delivered



Axial Type (AEJ)

Pistol Type (AEP)

### BOLTING TOOLS FOR EXTREME DUTY / LOW-POWER ENVIRONMENTS

360° SWIVEL GEARCASE MODEL	SERIES	APPROX. TORQUE NM	APPROX. TORQUE FT-LB	APPROX. SPEED RPM	WEIGHT KG	WEIGHT LB	LENGTH MM	LENGTH IN	DIA. MM	DIA. IN	DRIVE IN	SOUND LEVEL dB(A)
(AEP) (AEJ)4W872800B	8000/7000	2,800	2,065	9	10.0	22	328	12.9	76	3.0	1	66
(AEP) (AEJ)4W884650B1	8000	4,650	3,430	9	11.8	26	391	15.4	86	3.6	1	66
(AEP) (AEJ)4W884650B	8000	4,650	3,430	9	11.8	26	391	15.4	86	3.6	1.5	66
(AEP) (AEJ)4W896500B	8000/9000	6,500	4,800	5	15.7	34.5	378	14.9	101	4.0	1.5	66
(AEP) (AEJ)4B898100B	8000/9000	8,100	6,000	5	16.4	36	429	16.9	101	4.0	1.5	66
(AEP) (AEJ)4B8X12000B	8000/9000	12,000	8,850	3.5	24.0	52.5	564	22	131	5.2	1.5	66

### Gen IV Field Controller

The Gen IV Field Controller is the core of the modular AcraDyne DC system. One controller will command any tool in the AcraDyne line from 1 Nm to 12,000 Nm, all with one cable.

#### Advanced Capabilities and Features

- Multiple fastening strategies – Program up to 256 parameters with as many as 20 steps
- Jobs capability – 99
- Event log – 5,000
- Backup & restore through USB
- Rundown storage – 1,000,000
- Real-time curve viewing. Curve storage – 20,000
- Self-contained in its own weatherproof, rugged case to protect it from the toughest environments



iEC4W Field Controller

MODEL	DESCRIPTION
iEC4W-110V	Field use controller for use with 110VAC input power
iEC4W-220V	Field use controller for use with 220VAC input power



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