

# Elite PRO

## High Frequency Battery Chargers Single Phase



Elite PRO 2



Elite PRO 4



The Elite PRO 2 and 4 Series wall mount battery chargers incorporate advanced design, sophisticated controls and software to achieve compact, powerful and highly flexible performance. High efficiency minimizes power usage and provides significant electricity cost savings. Users can view charging parameters and a charging graphic on the display panel. In addition to setting all charge parameters, the software give a technician the ability to download up to 300 charging cycles to view charging performance and cycle details including total charging time, phase times, phase currents, phase voltages, maximum voltage and charged capacity. Programming can be done via USB to computer, touchpads on the display or uploading via USB host port. Lead acid (flooded, gel or agm), NiCad and lithium batteries can be charged with this technology.

### Key Features

- fully programmable
- efficiency > 92%
- power factor 0.99
- low output ripple
- integrated datalogger



### Applications

Forklifts  
Ride-On Autoscrubbers  
and Sweepers  
Material Handling Equipment

Electric Personnel Carriers  
and Trucks  
Electric Go Karts



### Options

#### Real Time Clock

- To configure day/time charging

#### Anti-Spark

- Cuts charger power to prevent sparking on DC disconnect

#### Ethernet Interface / Wifi Interface / 3G-4G Data Card

- For remote charger monitoring and management of charger

#### Digital I/O Card

- For driving external components and accepting external signals

#### Can-Bus Connection



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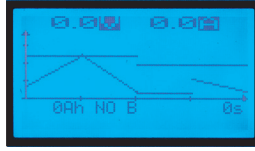


## Monitor

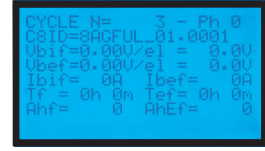
Display has 3 modes to view charging status:



Main Monitor



Graphic Monitor



Cycle Data Monitor

## Selection for Battery Size

Model	Output Voltage	Current Output (Max.)	Battery Size Range in Ah (C5) 7-8 Hr Recharge	Battery Size Range in Ah (C5) 10-12 Hr Recharge	Dimensions
<b>Elite PRO 2</b> 24/70 25 lbs / 11 kg	24V	70A	260 - 300 @ 50Ah	350 - 420 @ 50Ah	13.2 x 7.2 x 20.5" / 336 x 182 x 520mm
			300 - 360 @ 60Ah	450 - 520 @ 60Ah	
			350 - 420 @ 70Ah	520 - 620 @ 70Ah	
<b>Elite PRO 4</b> 36/70 25 lbs / 11 kg	36V	70A	220 - 260 @ 40Ah	295 - 360 @ 40Ah	
			260 - 300 @ 50Ah	350 - 420 @ 50Ah	
			300 - 360 @ 60Ah	450 - 520 @ 60Ah	
			350 - 420 @ 70Ah	520 - 620 @ 70Ah	
<b>Elite PRO 4</b> 48/75 25 lbs / 11 kg	48V	75A	145 - 180 @ 30Ah	220 - 280 @ 30Ah	
			220 - 260 @ 40Ah	295 - 360 @ 40Ah	
			260 - 300 @ 50Ah	360 - 420 @ 50Ah	
			300 - 360 @ 60Ah	450 - 520 @ 60Ah	
			375 - 450 @ 70Ah	530 - 650 @ 70Ah	



## Technical Characteristics

Input: 208-240V AC, 50-60Hz  
 120V AC available on some models on special order  
 cULus Listed  
 Specifications are subject to change without notice

### Higher outputs available on special order:

24V - 80/90/100/120A  
 36V - 80/90A  
 72V - 25/30/40/50A  
 80V - 20/30/40A  
 96V - 17/25/30/35A

Chargers supplied without AC plug.  
 Proper plug to be fitted by qualified electrician. All units fitted with 8'/2.44m AC cable, 6'4"/1.93m DC cable and SB175G DC connector. Other DC connectors are available on request.