



HIOS CLT-30, CLT-45, CLT-60, and CLT-80 Power Supply Operational Manual

Important: Please read and save the operating instructions.

Danger: To reduce the risk of fire or electric shock, carefully follow these instructions.

Storage, Operation, Set-Up

1. Be sure that the power source is equipped with a circuit breaker.
2. Store the power pack in a place free from excessive humidity, temperature, and dust. Keep it away from metallic objects.
3. Do not place objects on the unit.
4. Use the fittings provided to secure the unit. The installation area should be vibration free.
5. Do not store the unit next to high voltage equipment.

Caution

1. Do not drop the power supply.
2. Connect to a power source of only the specified voltage.
3. Only use compatible screwdrivers with the power supply.
4. Do not drag the unit by its power cord. Keep the cord away from foreign objects, oil, and sharp implements.
5. Grasp the plug when disconnecting the power cord.
6. Do not disassemble or modify the unit.
7. If the unit overheats, activates a circuit breaker, or exhibits other abnormalities, stop operation immediately, unplug the unit, and contact ASG for repair.
8. When the unit is not in use, turn the power switch off and disconnect it from its power source.
9. For connection to a supply not in the USA, use an attachment plug adapter of the proper configuration for the power outlet.
10. Install a leakage breaker and safety breaker on the input power source and connect the ground to use the unit.

Compatible Screwdrivers

Power Supply	For use with	Compatible Screwdrivers
CLT-30	1 screwdriver	CL-2000, CL-3000, SS-2000, SS-3000
CLT-45	1 screwdriver	CL-2000, CL-3000, CL-4000, CL-6000, CL-6500, SS-2000, SS-3000, SS-4000, SS-6500, A-4500, A-5000
CLT-60	1 screwdriver	CL-2000, CL-3000, CL-4000, CL-6000, CL-6500, CL-7000, SS-2000, SS-3000, SS-4000, SS-6500, SS-7000, A-4500, A-5000, A-6500
CLT-80	1 screwdriver	CL-9000
T-45BL	1 screwdriver	BLG-ZERO1: BLG-4000ZERO1, BLG-5000ZERO1, BLG-5000ZERO1-15*, BLG-5000ZERO1-HT*
		BLG-BC2: BLG-4000BC2, BLG-5000BC2, BLG-5000BC2-15*, BLG-5000BC2-HT*
		BLG-BC1: BLG-4000BC1, BLG-5000BC1, BLG-5000BC1-15*, BLG-5000BC1-HT*
		BLG: BLG-4000, BLG-5000, BLG-5000-15*, BLG-5000-HT*
		BLG-OPC: BLG-4000-OPC, BLG-5000-OPC, BLG-5000-OPC-15*, BLG-5000-OPC-HT*
		BL: BL-2000, BL-3000, BL-5000, BL-5000-15*, BL-5020*
T-70BL	1 screwdriver	BL Series, BLG Series, BLG-4000BC2 Series, BLG-5000BC2 Series, BLG-4000BC1 Series, BLG-5000BC1 Series

Specifications

Model Number	CLT-30	CLT-45	
→	Input Voltage	AC100-240V 47-63Hz	AC100-240V 47-63Hz
	Power Consumption	40W	45VA-78VA
	Fuse Capacity	2A/250V (Built-in)	3.15A/250V (Built-in)
Output Voltage	2(30V), 1(20V) Two Stage Settings	2(30V), 1(20V) Two Stage Settings	
Size (mm)	62 x 134 x 40(H)	146 x x 42.6(H)	
Weight (g)	300	300	
AC Cord Length	1.8m (inlet cord)	1.8m (inlet cord)	
Accessories	(2) Attachment plates (4) attachment screws	(1) Mounting Bracket (1) attachment screws	

1: Primary Side

Specifications

Model Number	CLT-60	CLT-80
→ Input Voltage	AC100-240V 47-63Hz	AC100-240V 47-63Hz
Power Consumption	60W	
Fuse Capacity	5A/250V (Built-in)	T5A/250V (Built-in)
Output Voltage	2(30V), 1(20V) Two Stage Settings	2(30V), 1(20V) Two Stage Settings
Size (mm)	88 x 210 x 52(H)	116 x 210 x 55(H)
Weight (g)	715	1370
AC Cord Length	1.8m (inlet cord)	1.8m (inlet cord)
Accessories	(2) Attachment plates (4) attachment screws	(2) Attachment plates (4) attachment screws

Model Number	T-45BL	T-70BL
→ Input Voltage	AC100-240V (47-63Hz)	AC100-240V 47-63 Hz
Power Consumption	45VA-78VA	45VA-78VA
Fuse Capacity	3.15A/250V (Built-in)	3.15A/250V (Built-in)
Output Voltage	HI(2): DC30V / LOW(1): DC20V (2-step switchable)	2(30V), 1(20V) Two Stage Settings
Size (mm)	71.5 x 146 x 42.6	88 x 210 x 52(H)
Weight (g)	320	685
AC Cord Length	1.8m (inlet cord)	1.8m (inlet cord)
Accessories	(1) Mounting Bracket (1) Screw	(2) Attachment plates (4) attachment screws

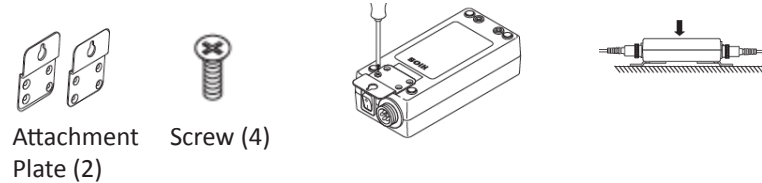
1: Primary Side

Attachment Plates and Dimensions

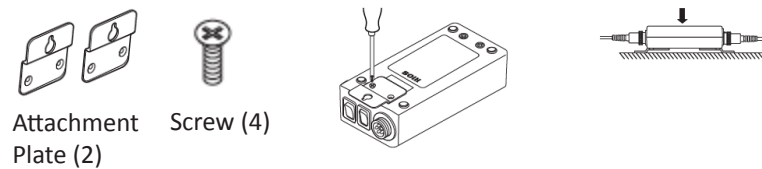
CLT-30, CLT-60, CLT-80, and T-70BL: Please use both plates to secure the pack for operation. Use the screws provided. Be sure the plates are securely attached and then use them to attach the power pack to an appropriate work station.

Attachment Plates and Dimensions (Continued)

CLT-30:



CLT-60, CLT-80, T-70BL:



CLT-45, T-45BL:

Be sure to use the attached mounting bracket and the screw to fix the unit securely. The green LED light turns on when the power is on. Contact ASG if the light does not turn on. The dimensions do not include concavity and convexity and is not to full scale.

