



System Overview

DLB Unit can maximize charging speed while staying within your home’s power limit. With dynamic load management, the charging station’s electricity usage is automatically balanced to avoid overloading your home’s electrical system when several appliances are in use.

Technical Specification

Rated Power	DHI-ICS-ME-CT-1L		DHI-ICS-ME-CT-3L	
Power Supply	AC230V±15% 50/60 Hz 1-Phase		AC400V±15% 50/60 Hz 3-Phase	
Input Cable Wiring Method	L1		L1/L2/L3	
Primary Current	100A max		100A max	
Normal environmental conditions	Indoor use			
Operating Temperature	−25 °C to +70 °C (−13 °F to +158 °F)			
Storage Temperature	−25 °C to +75 °C (−13 °F to +167 °F)			
Maximum Input Current	60A			
Maximum Output Current	30mA			
Maximum network cable length	30 m (98.43 ft) unshielded 150 m (492.13 ft) shielded			
Barometric Environment	10 ⁵ Pa			
Operating Humidity	<90% (RH), non-condensing			
Product Dimensions	88.0mm×24.0mm×59.0mm(3.46" × 1.06" × 2.32")(L×W×H)			
Packaging Dimensions	95.0 mm×56.0 mm×62.0 mm(3.74" × 2.20" × 2.44")(L×H×W)		95.0 mm×56.0 mm×84.0 mm(3.74" × 2.20" × 3.31")(L×H×W)	
Protective Packaging Dimensions	370.0 mm×298.0 mm×250.0 mm(14.57" × 11.73" × 9.84")(L×H×W)			
Net Weight	92.0 g ± 5.0 g (0.203 lb ± 0.011 lb)		192.0 g ± 5.0 g (0.423 lb ± 0.011 lb)	
Package Weight	100.0 g ± 5.0 g (0.220 lb ± 0.011 lb)		200.0 g ± 5.0 g (0.443 lb ± 0.011 lb)	
Port	RJ45			
CT aperture size	10.0 mm (0.394")			
Installation	35.0 mm (1.38") Rail mount			
Installation Notes	The current sensors must be mounted only on electric wires with basic or reinforced insulation. Ensure that there is one module space on a DIN rail in the power supply cabinet.			

Ordering Information

Series Title	Product Name
CT(Current Transformer)	DHI-ICS-ME-CT-1L
	DHI-ICS-ME-CT-3L