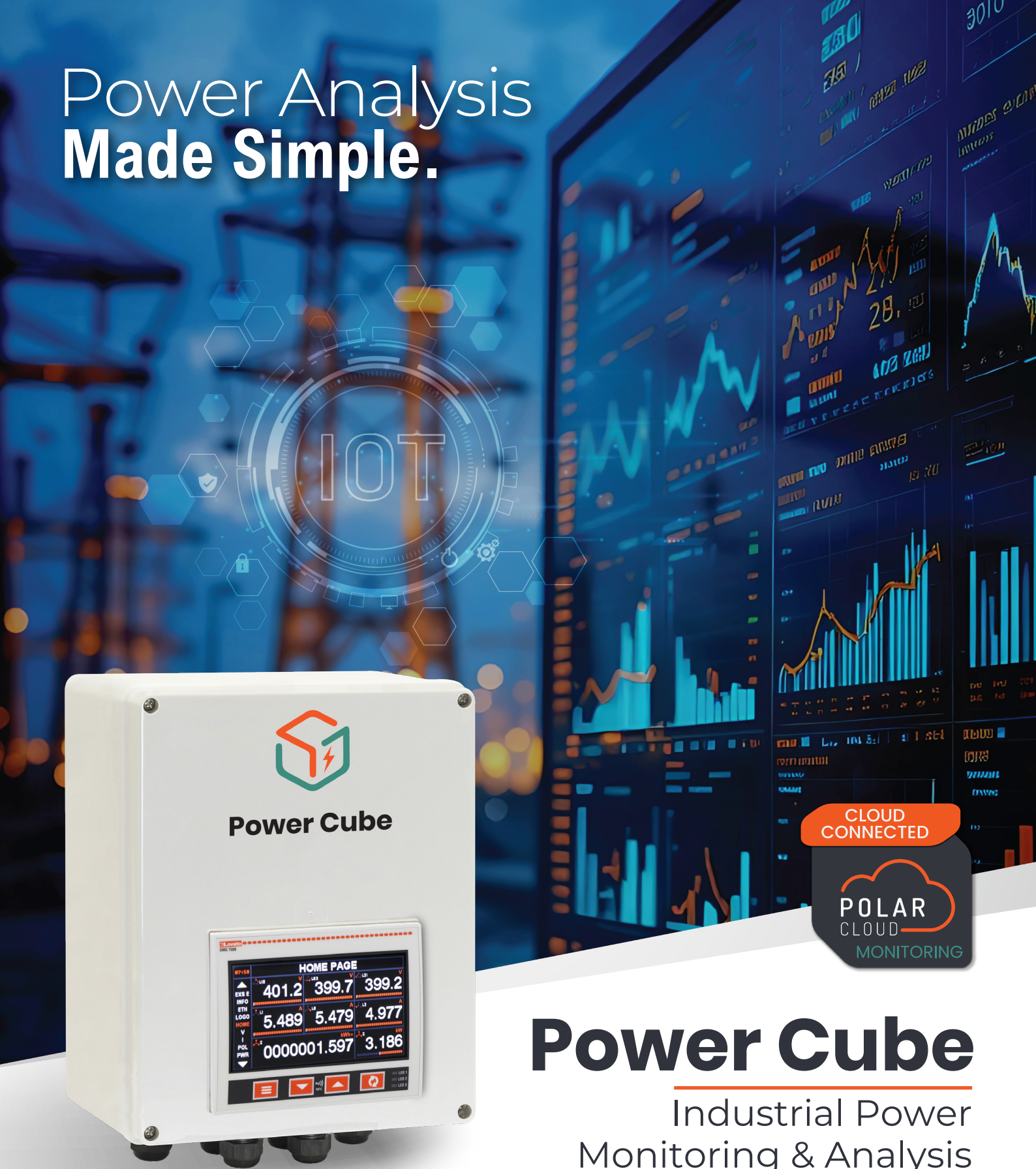
Power Analysis
Made Simple.



Power Cube

Industrial Power Monitoring & Analysis

electrahertz
electrical suppliers

POLAR
MONITORING

IOT POLAR CLOUD

Scan to watch videos

Power Cube - Industrial power monitoring and analysis

The Power Cube is a pre-configured, **plug-and-play** unit designed for **power monitoring and analysis**. It eliminates the complexity of traditional setups by housing a Lovato DMG7500 power analyser and a Polar Gateway in a single industrial enclosure.

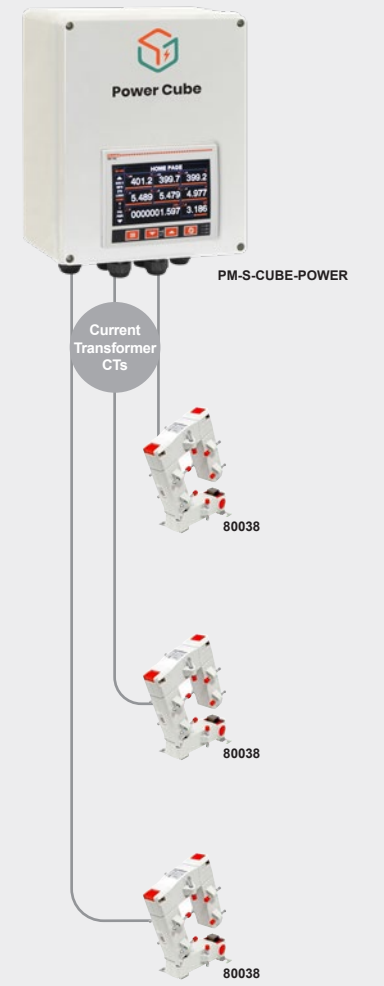
Simply connect your power source and CTs for instant real-time data transmission to the Polar Cloud.

Cloud integration:

The integrated Polar Gateway **securely** transmits real-time data to the cloud, providing instant access to interactive dashboards for consumption monitoring and power quality analysis. Historical insights and customizable alerts enable proactive energy optimization and remote diagnostics across individual facilities or entire site portfolios.

Key features:

- **Installs in minutes:** Pre-wired and pre-configured; setup takes only moments
- **Cloud connectivity:** Securely links to the Polar Cloud for real-time, remote visibility
- **Reporting and analytics:** Industrial-grade metrics for confident, data-driven decisions
- **Current transformers:** Compatible with 1A and 5A CTs *(sold separately)*



type	input voltage	network connection	connector type	description	price
Power Cube - Power monitoring solution *(Plug-and-Play)*				**(IP56)**	
Power Cube includes: • Polar Gateway *(cloud integration)* • Lovato DMG7500 *(power analyser)* • Industrial power supply *(pre-wired)* • Fused terminals blocks *(simplified field connections)*					
PM-S-CUBE-POWER	90 - 240 VAC	2G/LTE	*CTs	cloud based monitoring device	**10 290.00**

* *CTs sold separately, refer to **CAT E** 2025/26 EM Catalogue for sizing and selection.*

Polar licensing options *for above* **Power Cube**

Code	Application	Examples *(Industry applications)*
PL-Y-T15	General Monitoring	General facility management, daily consumption tracking
PL-Y-T32		Site assessments for Solar PV integration and PF Correction
PL-Y-T50	Advanced Analysis	Comprehensive load profiles and harmonic troubleshooting

Polar Site Based Licensing					Subscription options		
Code	I/O tags	Alerts	Schedulers	Number of Cubes	1-Year	2-Year	3-Year
PL-Y-T15	15	**2**	**4**	1	**2 126.25**	**3 832.50**	**5 105.63**
PL-Y-T32	32	**10**	**20**	2	**4 541.25**	**8 163.75**	**10 880.63**
PL-Y-T50	50	**16**	**32**	5	**6 916.88**	**12 442.50**	**16 590.00**

*For **2** or **3** year licence option, replace **Y** with **2Y** or **3Y** to part number e.g. **PL-2Y-T15** for a 2 year licence*

All licence fees: Up front, net price, no discount applicable

Polar Cloud - Software for Monitoring & Control

POLAR CLOUD Remote Monitoring Solution

Live Viewing | Remote Commissioning | Alarm Notification | Data Storage

Polar Monitoring's tag/site based licensing offers a flexible tag based pricing model. Below is an example of how the tag based model works and how you can implement it in your future projects and applications.

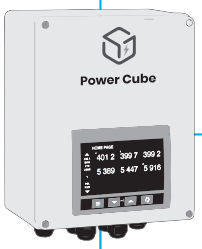
Step 1 Select the Power Cube

Step 2 Choose CT's to cover the required load

Step 3 Choose a license to suit your needs

Test the Polar Platform today! Access the Polar Demo Portal via the QR code for a hands-on experience of everything Polar has to offer.

Per-Cube Licensing & Analysis Options



General Monitoring

Total Power | 15 Tag License | Max. Demand | Phase voltage and current | Power Factor

Upgrade (Incl above +)

Advanced Analysis

Min/Max Readings | 50 Tag License | THD | Advanced Min/Max | Specific harmonics | Power Quality | Active, Reactive, apparent power | Power Factor / Phase

Additional licensing options refer to the **CAT G - 2025-26 EM Catalogue**