



## MAX

### POWERSTAR'S SMART ENERGY SOLUTIONS JUST GOT SMARTER

As part of Powerstar's commitment to the continuous development of its portfolio of products and solutions, which are developed to meet the ever changing needs of its customers, Powerstar is proud to announce the latest upgrade to Powerstar MAX.

#### INCREASED VISIBILITY OF ASSET PERFORMANCE

The April 2019 update to the Powerstar MAX solution provides enhanced functionality, which sees the retirement of the Human Machine Interface (HMI) in favour of a more modern and connected remote monitoring platform, in line with the advancement of Industry 4.0.

The newly developed remote monitoring platform offers enhanced reporting capabilities for greater insights into the asset's performance. Unlike the previous system, the update now allows for remote online access to the platform as opposed to only when physically stood in front of the system. This development is in line with today's industry demand for greater understanding and visibility of energy use from energy management assets.

The remote monitoring functionality of Powerstar MAX allows for greater visibility and understanding of how the equipment is operating and performing. This enables activity to be analysed, in turn aiding decisions on energy use and maintenance activities as comprehensive data on trends, electricity consumption savings, electricity profiles and cost savings are provided. Users will also benefit from access to continuous remote support from Powerstar's dedicated team.

#### CONTACT POWERSTAR TO LEARN MORE

For more information about the enhanced capabilities of Powerstar MAX, contact us directly:

**CALL:** 01142 050 770    **EMAIL:** [INFO@POWERSTAR.COM](mailto:INFO@POWERSTAR.COM)

#### ENHANCED FUNCTIONALITY

- Remote monitoring of Powerstar MAX units via cloud platform
- Logging of site consumption, harmonics, power factor and voltage, which is stored on local secure FTP server, specifically for client and site
- Alarms are remotely recorded and stored, giving historic insights into asset performance
- Ability to perform remote updates and software upgrades
- Savings tests (on/off) can be tailored remotely and be performed instantly as part of the verification process
- Dedicated remote service team in place for continuous remote support
- Ability to troubleshoot remotely, removing the need for majority of site visits (not including pre-planned maintenance)

# POWERSTAR MAX REMOTE PLATFORM PREVIEW

Below are some example pages from the Powerstar MAX remote monitoring platform which provide an indication of the information that can be viewed on the secure platform, from anywhere with an internet connection.

**MAX**

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Date: 7 / 3 / 2019  
Day: THURSDAY  
Time: 14 : 1

**GRID** → **MV TRANSFORMER** → **POWERSTAR MAX** (SAVING ON) → **LOAD METER** → **LOAD**

CONFIGURATION	
MIN TRIP VOLTAGE	216.0 V
MIN TRIP CURRENT	1.0 A
TAP SCAN RATE	30 s
CURRENT TAP	5

V1 V2 V3	I1 I2 I3
246.8 V	36.7 A
247.4 V	34.3 A
246.8 V	36.2 A

## HOMEPAGE

**MAX**

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Test Start Year	0	0	SET
Test Start Month	0	0	SET
Test Start Date	0	0	SET
Test Start Hour	0	0	SET
Test Start Minute	0	0	SET
Test Day Interval	0	0	SET
Test Hour Interval	0	0	SET
Test Minute Interval	0	0	SET
Test Duration Days	0	0	SET

	D	M	Y
DATE	11	3	2019
TIME	9	26	
Set Year	0	SET	
Set Month	0	SET	
Set Date	0	SET	
Set Hour	0	SET	
Set Minute	0	SET	

	D	H	M
REMAINING TEST TIME	0	0	0
TEST TOTAL SAVING	0.0 %		

Test Off

START ABORT

## TESTS PAGE

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Phase 1 Saving kW	0.39 kW
Phase 2 Saving kW	0.35 kW
Phase 3 Saving kW	0.38 kW
Phase 1 Saving %	9.07 %
Phase 2 Saving %	9.12 %
Phase 3 Saving %	9.09 %
Total Saving kW	1.17 kW
Total Saving %	9.47 %

SAVINGS TREND

Phase 1 Neg Control A	1.6 A
Phase 2 Neg Control A	1.5 A
Phase 3 Neg Control A	1.6 A
Phase 1 Input A	18.0 A
Phase 2 Input A	16.2 A
Phase 3 Input A	17.4 A
Total CO2 Saving	33298.0 g
Total Saving kWh	327811.0 kWh

powerstar

## SAVINGS PAGE