

TECHNICAL DATA SHEET

VOLTSTREAM Series

EVS3

Input Voltage Range	323 - 437V Three Phase 4 Wire
Output Voltage	380 / 220V Three Phase 4 Wire
Output Voltage Accuracy	+ / - 0.5%
Frequency	47 to 65 Hz
Efficiency	98%
Power Factor	Any lagging to 0.95 leading
Surge Ratings	10 x max. current rating for 2 seconds 3 x max current rating for 1 minute 2 x max. current rating for 5 minutes
Total Harmonic Distortion	<1%
Digital Power Meter	Display Red LED (V,A,W,VA,AER,PF) - Display Green LED (kWh) Temperature range -15 to 45°C. Derate by 2% for each additional °c up to max of 60°C. Suitable for indoor tropical use 95% RH (non-condensing). Maximum altitude 1000m. Derate by 2.5% for each additional 500m.
Environment	
Construction	Enclosures to IP20, BS EN5490 / IEC 60529
Conformance	BS EN50081-1;2 / IEC 61000-4-3;4
CE Conformity	EN55022, EN50082-2, ENV50140-1

MODELS

VOLTSTREAM Model	Rating kVA	Max. Output Amps (per Phase)	Dimensions (mm) W x H x D	Weight (Kg)
EVS3-32H	21	32	300 x 550 x 640	91
EVS3-40H	26	40	300 x 550 x 640	91.5
EVS3-63H	41	63	380 x 670 x 830	134
EVS3-100H	66	100	490 x 800 x 1040	218
EVS3-150H	99	150	490 x 800 x 1040	260
EVS3-200H	132	200	500 x 900 x 1050	323
EVS3-300H	197	300	1000 x 1300 x 580	505
EVS3-400H	263	400	1500 x 1480 x 840	840
EVS3-500H	329	500	1750 x 1950 x 1350	1015
EVS3-600H	395	600	1750 x 1950 x 1350	1025
EVS3-700H	460	700	1750 x 1950 x 1350	1150

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Digital Power Meter



EVS3

INDOOR

Three Phase



Supply	Three Phase 4 Wire
Rating	21 - 700 Amps 21 - 460 kVA
No. of Models	11

Features & Protection

Automatic Voltage Optimisation	✓
Voltage Surge & Spike Protection	✓
Tight Output Voltage Accuracy	✓
High Overload Capability	✓
Start Up Load Protection	✓
Over / Low Voltage Protection	✓
Input Circuit Breaker	✓
Inbuilt Manual Bypass Facility	✓
Phase Failure Protection	✓
Independent Phase Balancing	✓
Lightning Surge Protection	⊙
Output Circuit Breaker	⊙

System Metering:

Operational Status Indication	✓
Output Volt Meter	✓
Digital Power Meter	✓
Frequency Meter	⊙
Over/ Low Voltage Contacts	⊙

KEY ✓ Standard ⊙ Optional

