



ChargeUPS PRISM™

60-600kVA Modular UPS
System Solution



KEY FEATURES

- Extra Low TCO (Total Cost of Ownership)
- Up to 50% footprint saving
- Flexible ventilation options (Front-to-top or Front-to-back)
- Online replaceable UPM & static bypass modules & Communication module, MTTR **as low as 5mins**
- Robust components using oil-filled capacitors & IGBT modules. Perfect integration with Lithium battery, compatible with multiple Lithium-ion BMS
- Complete power isolation options (Input/Output/Bypass/MBS)
- 99% efficiency with ECO mode.
- High efficiency UPM module, **Up to 97% efficiency in double-conversion mode.**



60-600kVA

CONFIGURATION



① **Cable entry** Top and bottom cable entry available

② **Communications and connectivity**

- Built-in device and host USB
- Five alarm inputs and dedicated EPO
- Alarm relay output
- Four communication slots

③ **60KW HOT SWAPPABLE power modules(1~10)**

④ **Replaceable centralized static bypass modules**

600kW with fast protection bypass fuse and back-feed Protection

⑤ **DC start controls** Contained within each power module

⑥ **Input/output isolations**

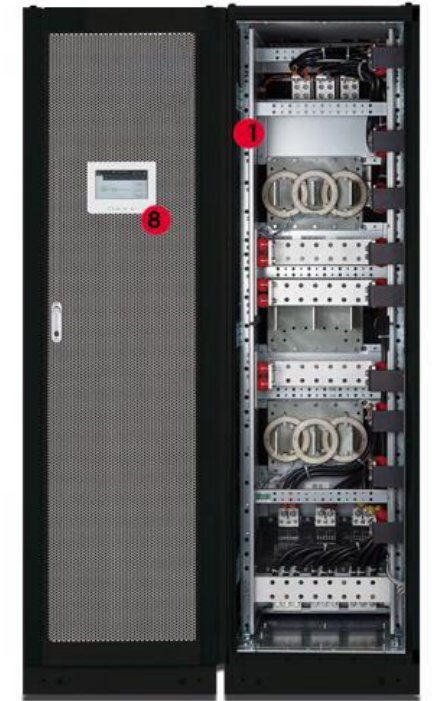
Contained Input/Output/Bypass/MBS isolation options

⑦ **Redundancy and speed controllable FANs**

⑧ **7" Colorful display**



Front view



Rear view



Static bypass



UPM

TECHNICAL SPECS (1)



Power modules	
Power offering (kW)	60kW (62.5kW optional)
Frame options	
600kW	Standard offer input /output /MBS /bypass swithes
General characteristics	
Efficiency in ECO	Up to 99%
Efficiency in double-conversion mode	Up to 97%
Parallel capability	Standard 4 units external parallel (Max 8 units with factory customization)
Cold start	Supported
Softstart	Rectifier ramp up, compatible with generator, ramp up rate configurable
Input characteristics	
Voltage	380/400/415V
Voltage range	301~478V L-L 175~276V L-N
Frequency range	50/60 Hz
Power factor	> 0.99
Input current distortion	< 3% @ 100% load capacity

TECHNICAL SPECS (2)



Battery	
Battery Type	Lithium, VRLA
Charging method	OBM (optimized battery management)
Battery Voltage	432-528Vdc (Selectable)
Battery Connection	Two wire (no neutral)
Output	
Voltage	380/400/415V 4 wire
Frequency range	50/60 Hz
Regulation	±1% steady state
Voltage THD	< 1% (100% linear load) < 5% (non-linear load)
Overload	125% 10 mins
Compliance with standards	
Safety	IEC 62040-1
EMC	IEC 62040-2
Performance	IEC 62040-3
RoHS	EU directive 2011/65/EU

* Due to continuous product improvement programs, specifications are subject to change without notice.



www.chargeups.ph