

Szünetmentes termékportfólió és kapcsolt szolgáltatások

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Három megatrend határozza meg a világunkat

A digitalizáció és a mesterséges intelligencia

Az új energiakorszak

A multipoláris világ

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Az energiatranszformáció három kulcsterülete

Energiahatékonyság

- Kevesebb fogyasztás, alacsonyabb költségek
- Digitalizált energiamenedzsment
- Épületautomatizálás
- AI-alapú optimalizáció

Helyi energiatermelés és tárolás

- Nagyobb energiafüggetlenség
- Mikrohálózatok (PV/BESS)
- Energiaközösségek
- Prosumer modell

Intelligens hálózatok

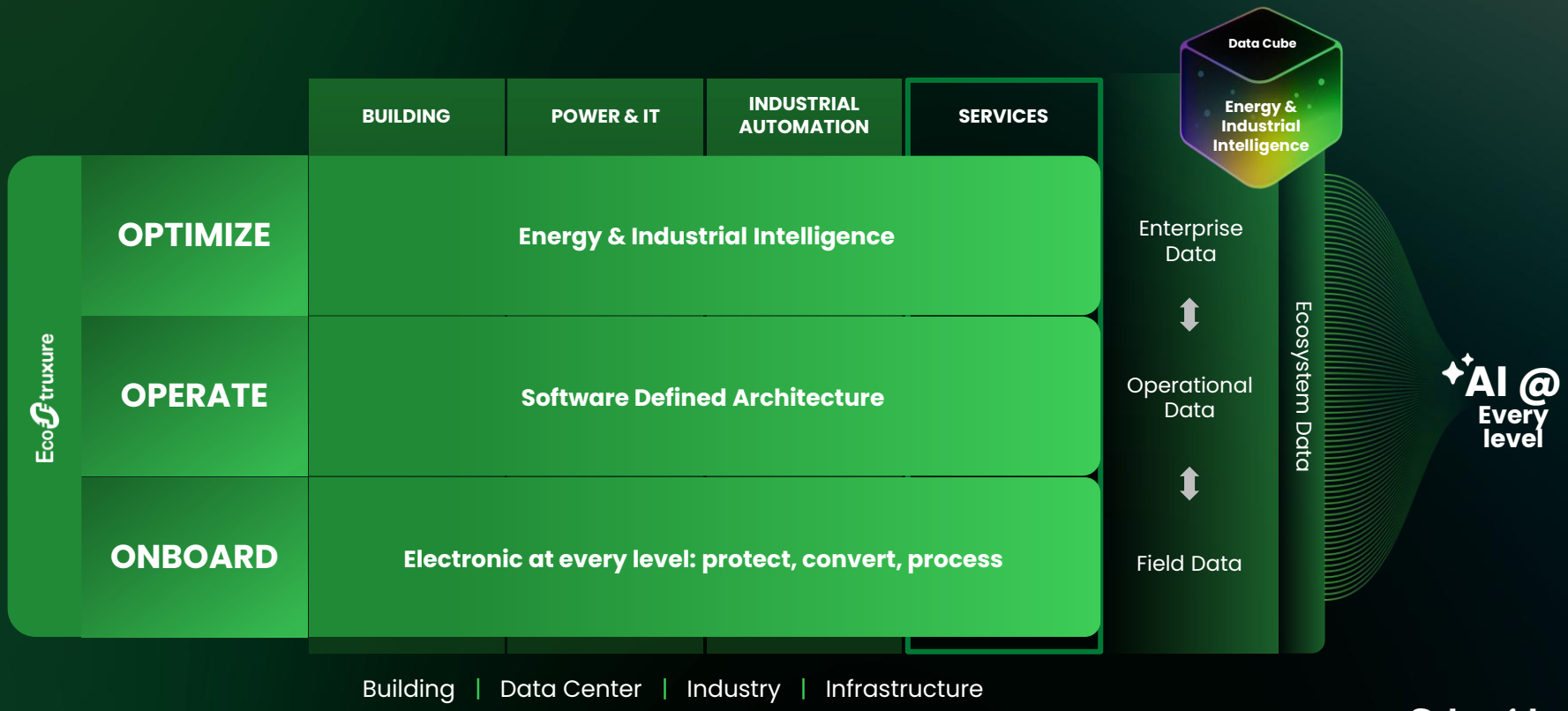
- Automatikus hálózatirányítás
- Prediktív karbantartás
- AI-alapú előrejelzések
- Szenzorok és IoT

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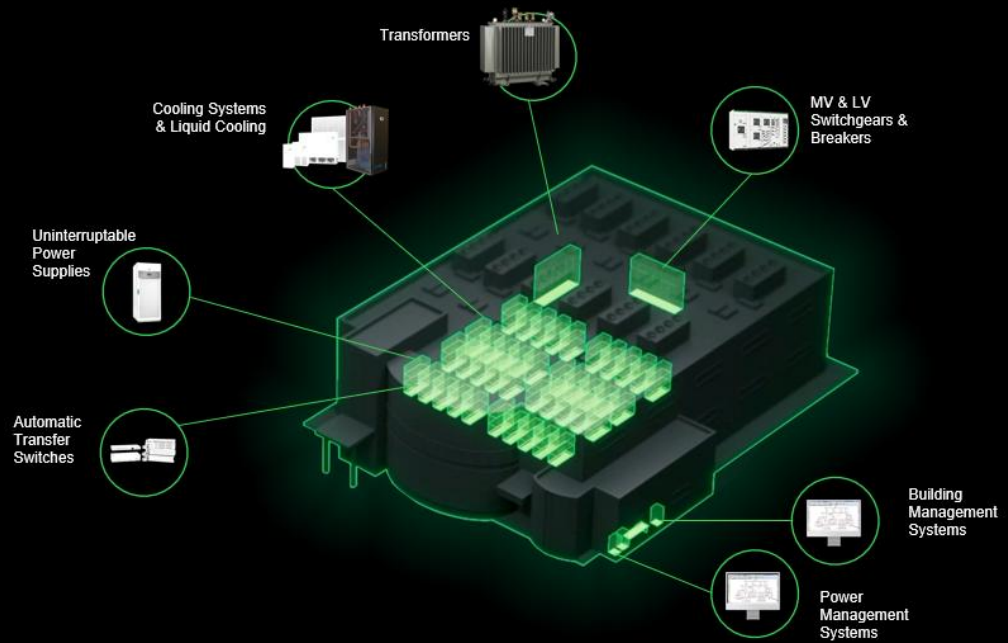
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EcoStruxure: a Schneider Electric mesterséges intelligenciára épülő, szoftveresen definiált platformja, amely új szintre emeli az energia- és ipari intelligenciát.



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ADATKÖZPONT



Energiahatékonysági audit

Energiafelhasználás elemzés, megtakarítás, hatékonyság növelés

Dekarbonizációs terv

Stratégiai terv a Scope 1&2 CO_2 kibocsátás csökkentésére Fenntarthatósági célok elérése

Energiamenedzsment audit

Energiamérési és menedzsment architektúra és koncepció kialakítása

Hálózatanalízis

Hálózatanalízis a nem-várt leállások és üzembiztonság növelése érdekében

Villamoshálózat audit – Belépő

KIF & KÖF installált bázis elemzése a kockázatok azonosításához

Villamoshálózat audit – Haladó

Részletes KIF & KÖF installált bázis elemzés, teljesítmény, működés, üzembiztonság, modernizálás céljából

Digitális iker

Villamoshálózat digitális modellezése, rendszertanulmányok alapja

Rendszertanulmányok

Villamoshálózat terhelés-, ívkisülés és védelmi koordinációs tanulmány a biztonság működés érdekében

Adatközponti audit

Energiaellátási-, és IT infrastruktúra elemzése, hatékonyságnövelő és modernizációs javaslatokkal

Energiatároló tanulmány

Energiatároló létesítésének gazdasági-, műszaki számításai, operációs modellel

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APC UPS megoldások 1ph szegmensben

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1ph UPS – Summary

APC Szünetmentes áramforrások 350VA-20kVA



Back UPS ES	Back UPS CS	Back UPS RS	Smart UPS	Smart UPS SC	Smart UPS /XL	Symmetra RM	Smart UPS RT	Symmetra LX
Off Line		Line-Interactive				Kettős Konverziós On-line		
> 400-700 VA >	350-650 VA >	550-1500 VA	> 750-5000 VA	> 450-1500VA	> 750-3000VA	> 2000-6000 VA	> 1-20 kVA	> 4-16 kVA















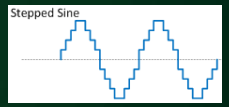

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UPS Topology & Power Factor

Standby / Offline

VFD – Voltage / Frequency Dependant

No Automatic Voltage Regulation (AVR)



Back UPS BE, BK

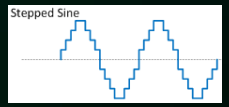


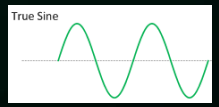
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Line Interactive

VI – Voltage Independent

AVR without Frequency Regulation





Easy-UPS BV, BVX, SMV
Back-UPS BX, BR-MI, BR-SI
Smart-UPS SC, SMC, SMT, SMX,
SUA, SCL, SMTL

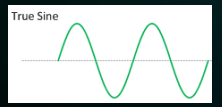


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Double Conversion Online

VFI – Voltage / Frequency Independent

AVR with Frequency Regulation



Easy-UPS SRV
Smart-UPS SRT, SRTL, SRTG, SURT
Symmetra SYH, SYA



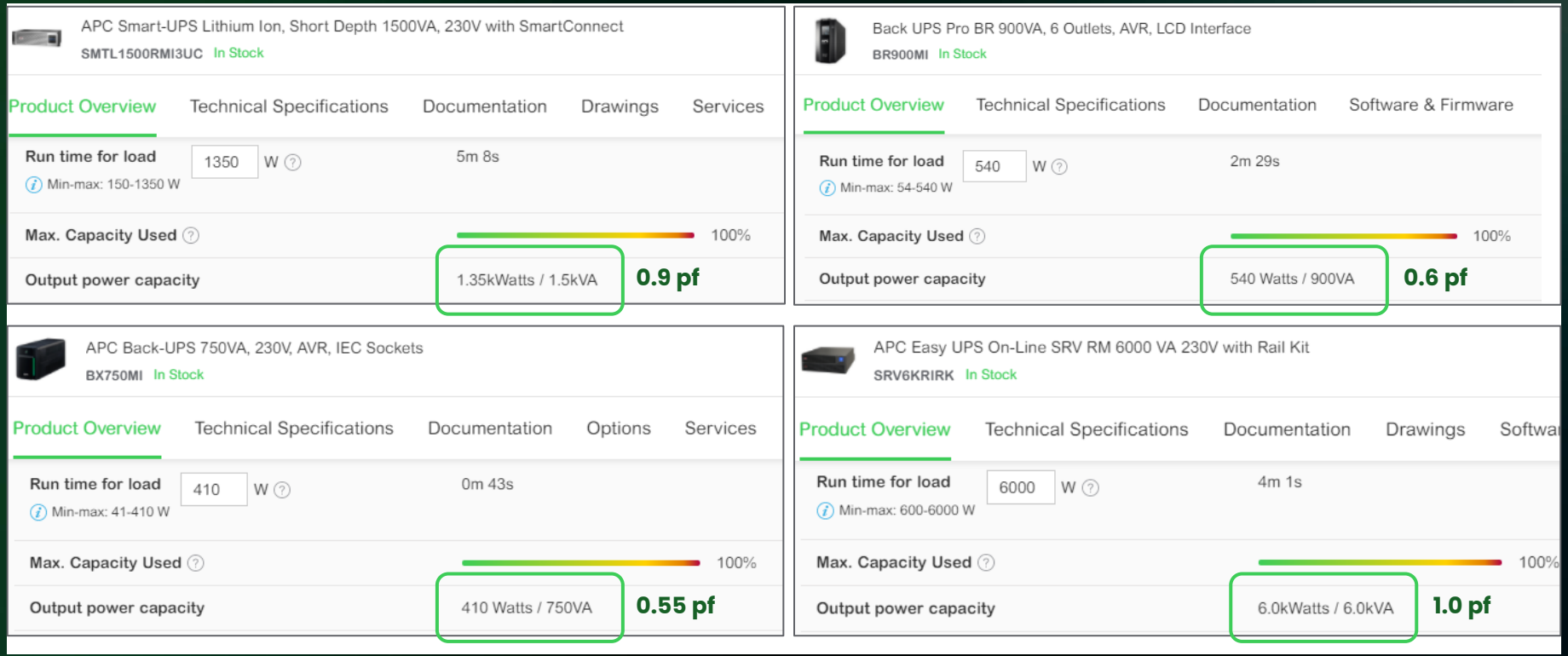
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Power Factor

The difference between VA and W



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Personal Power Line Logic

Standby / Offline – Line Interactive · Product Lineup

Essential

Easy-UPS · BV, BVX



- ‘Plug & Play’ – No setup required
- No USB Communication
- IEC & Schuko Outlet Models
- Serviceable Batteries (Except BV500I)

Advanced

Back-UPS · BE, BX, BK



- USB with PowerChute Personal Edition
- Larger Batteries than Essential models
- USB Device Charging (BE Model Only)
- *BE & BK models are Standby / Offline Topology

Performance

Back-UPS Pro · BR-MI / SI

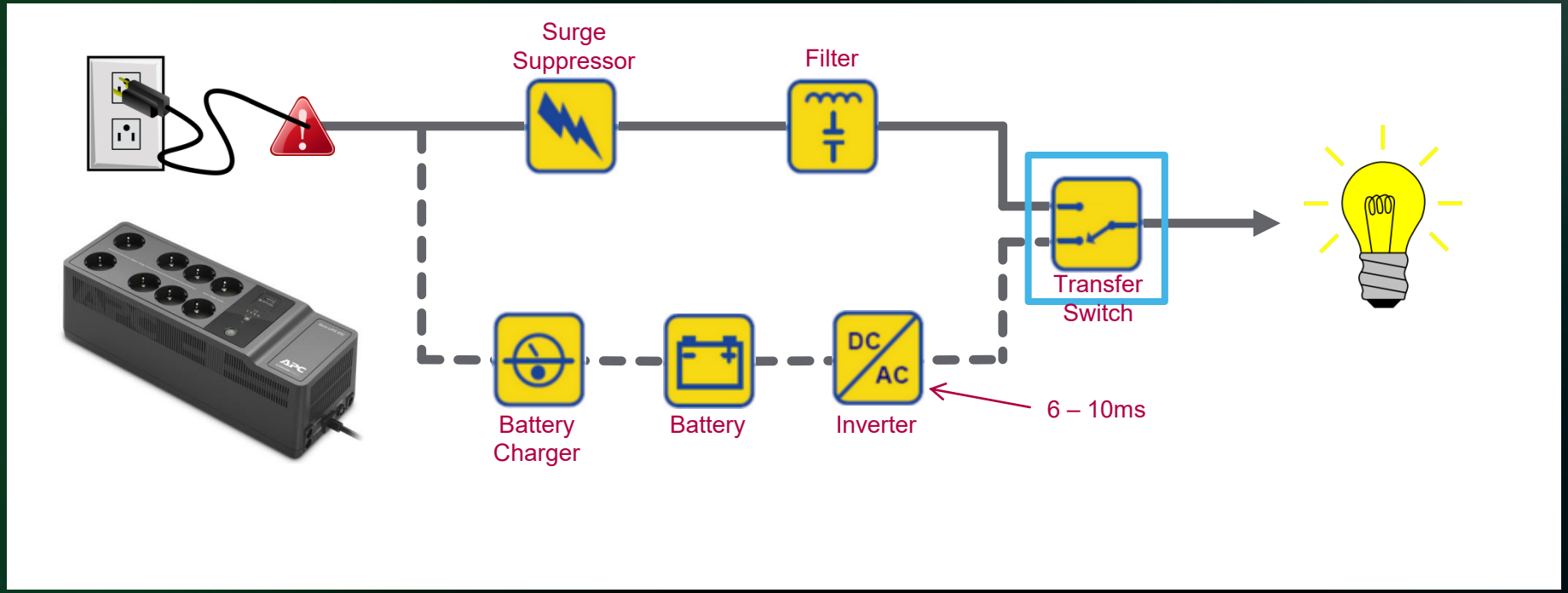


- LCD with Power / Runtime Status
- More Batteries than Advanced models
- Sinewave Output (SI Model Only)
- USB Device Charging (SI Model Only)

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APC Standby Topology

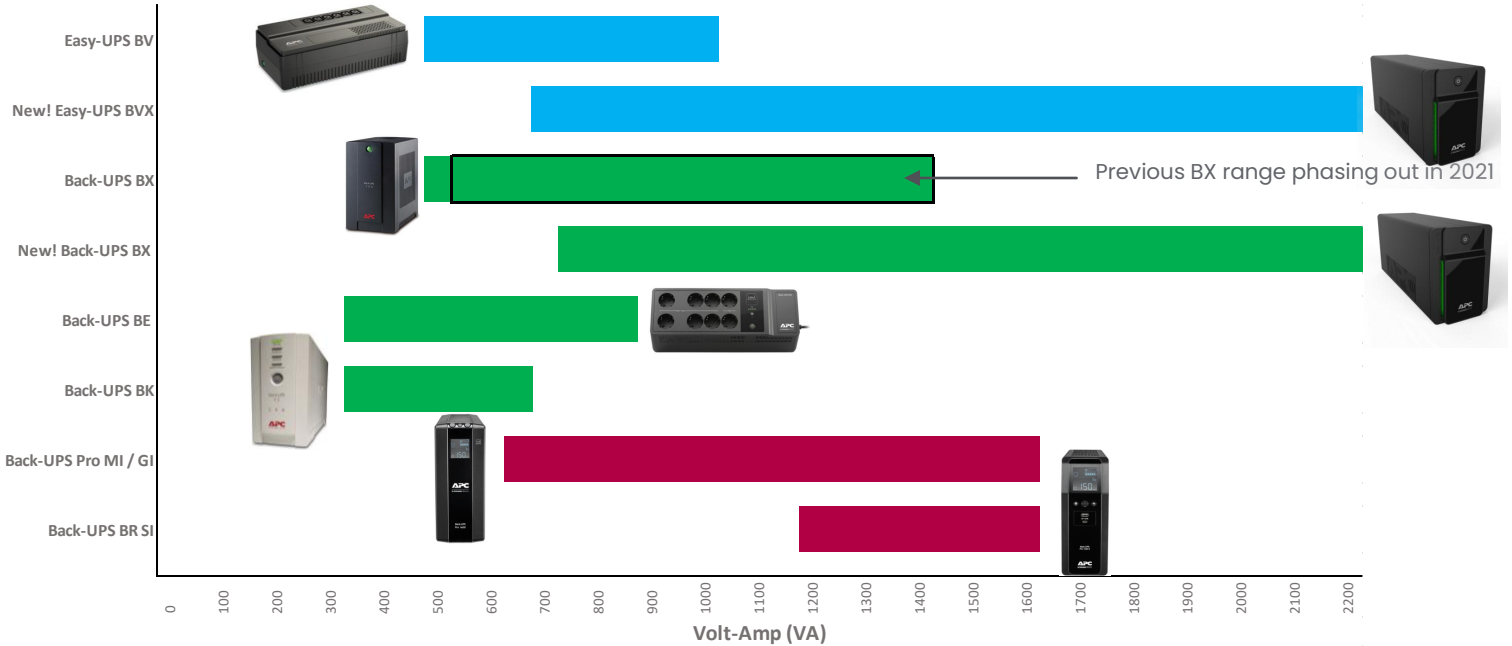
Under normal operating conditions
During extended brownout and blackout situations
Power is restored



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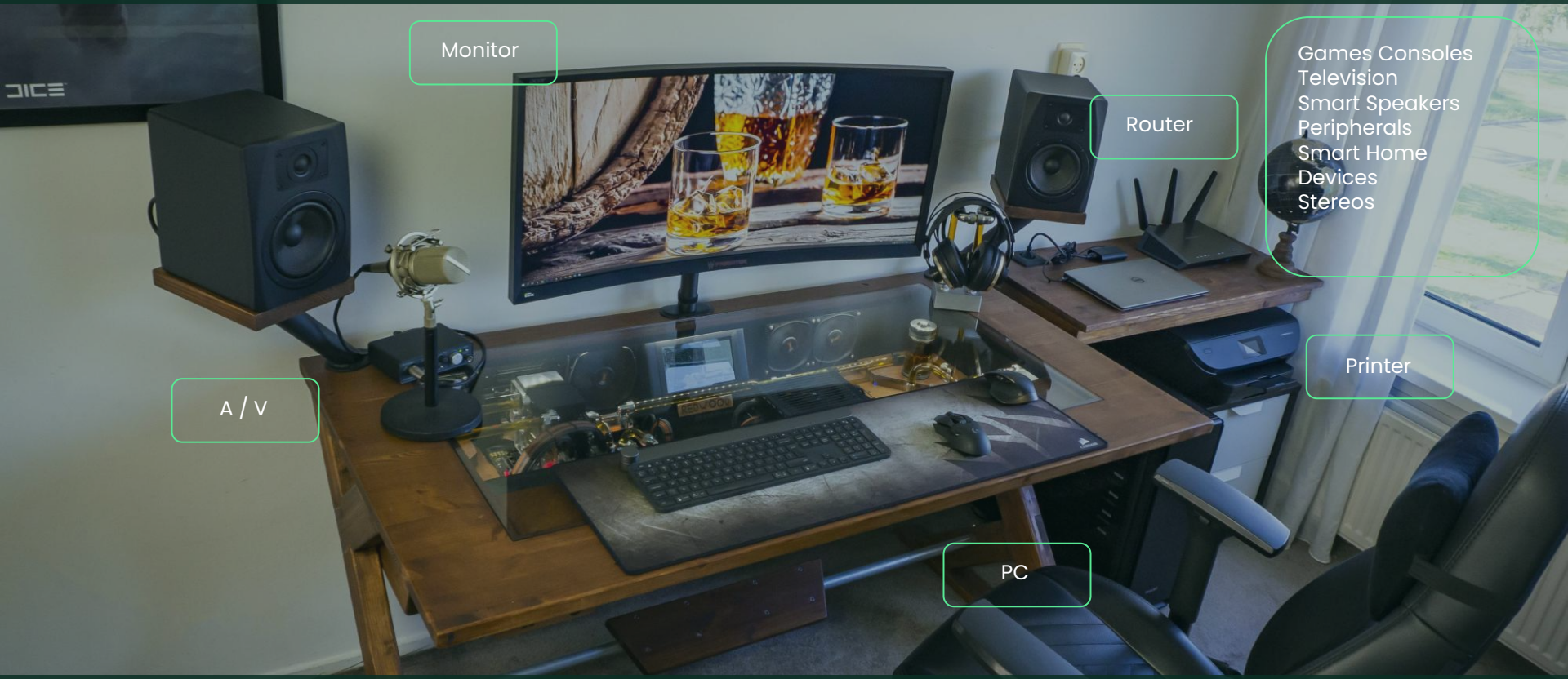
Personal Power Range Map

Easy UPS, Back UPS and Back UPS Pro



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Personal Power Applications



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Business Power Line Logic – Line Interactive

Line Interactive Topology

Essential

SMV · SMC

Advanced

SCL · SMT · SMTL

Performance

SMX



Easy-UPS

Dry Contacts

Mini SNMP Slot

Tower Models Only

Smart-UPS

SmartConnect Port

PowerChute BE

via USB

Tower & Rack Models

APC Network Management Card Slot

SmartConnect Port

More Runtime than Essential Models

Grouped Outlets for Load Shedding

Longer Warranty

(3/2yrs VRLA & 5yrs Li-Ion)

Short-Depth Lithium-Ion Models

Rack / Tower Convertible

Higher Power Factor than Advanced

External Battery Connection

Increased Runtime than Advanced

More Grouped Outlets than Advanced

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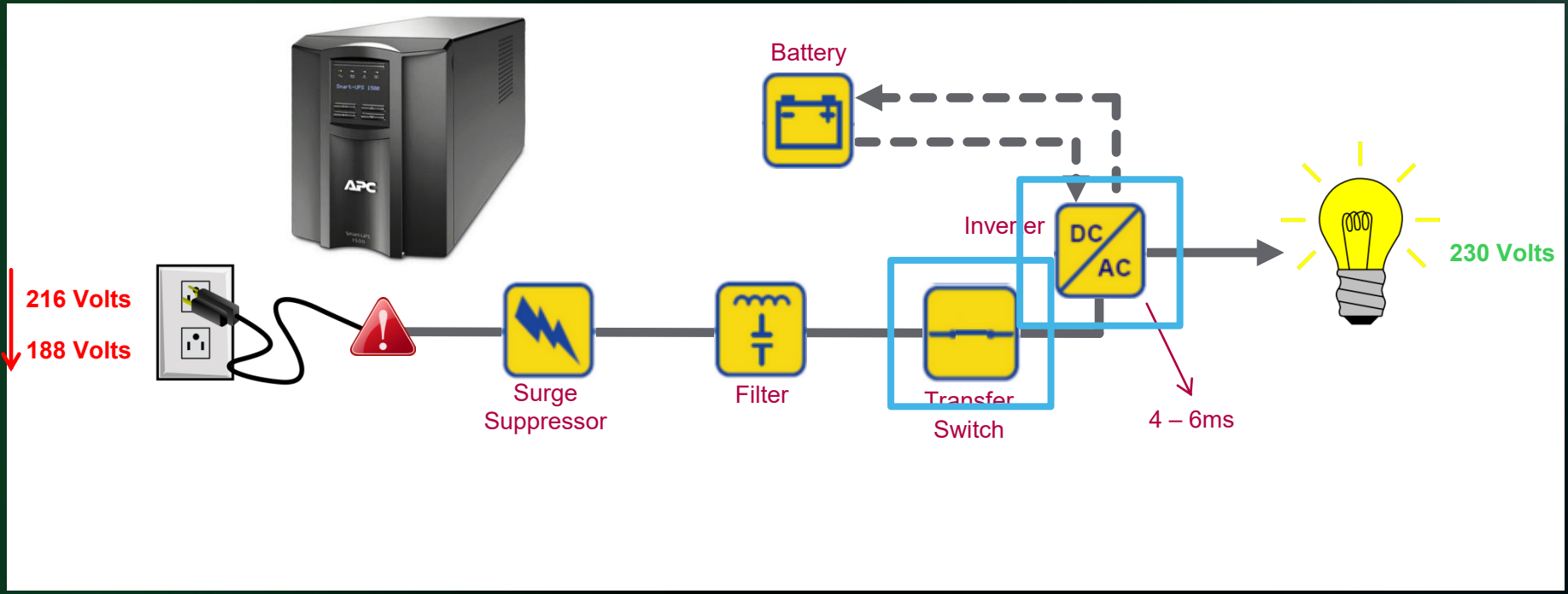
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APC Line Interactive Topology

Under low voltage conditions

Power is restored

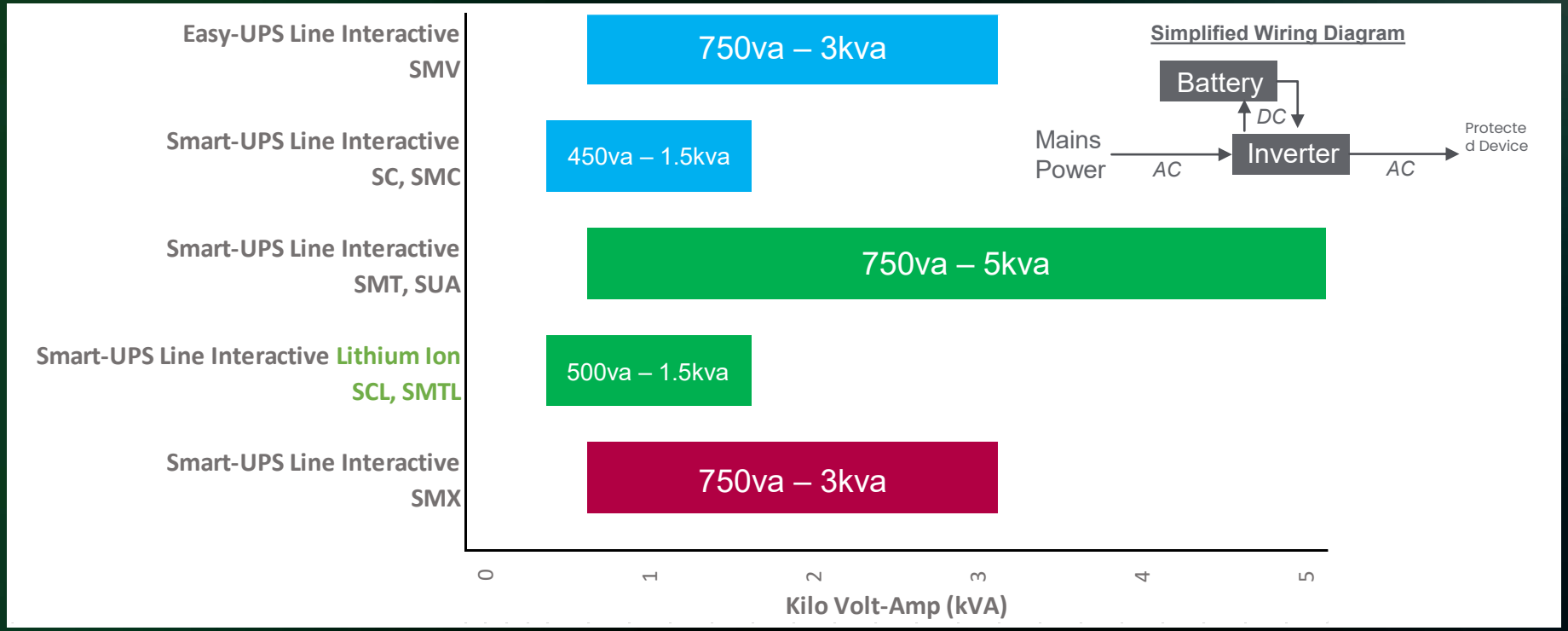
Under normal operating conditions



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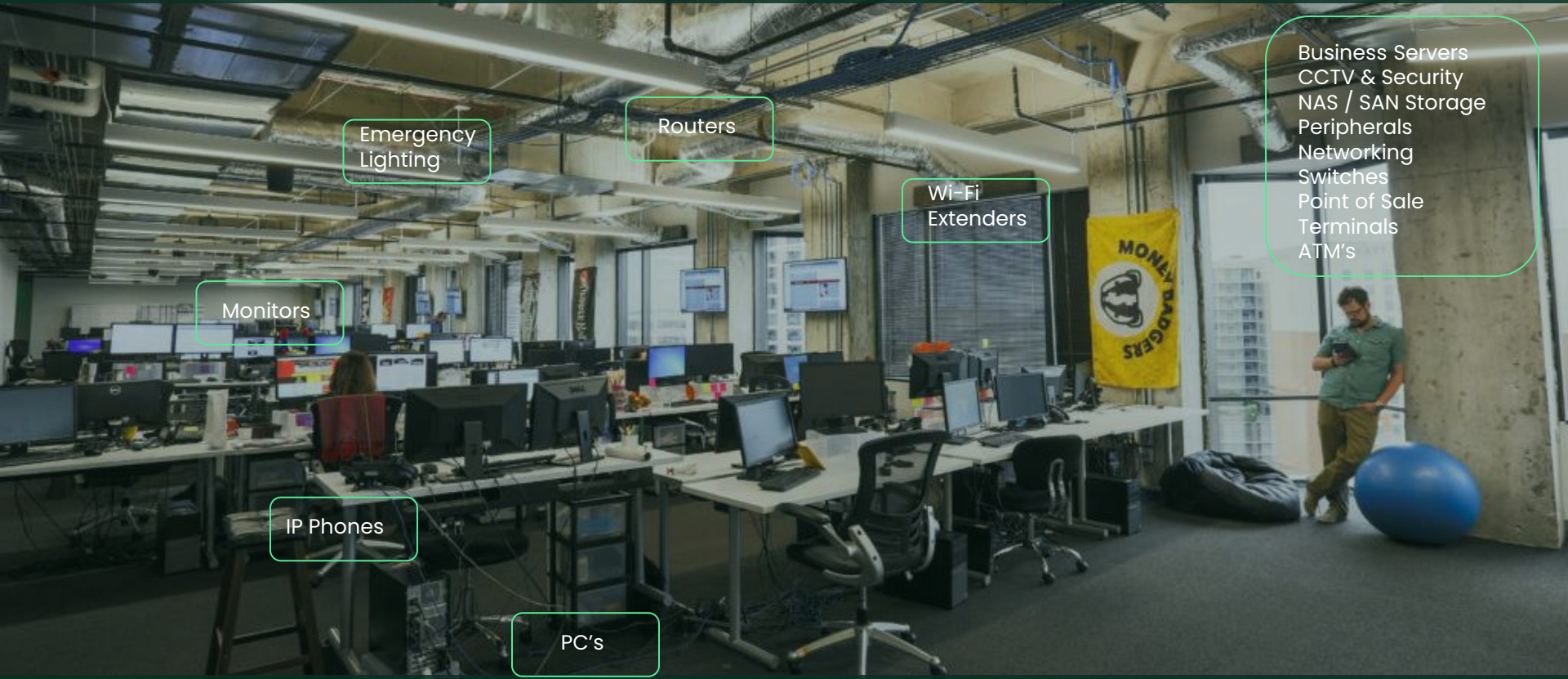
Business Power Range Map

Line Interactive Topology



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Business Power Applications



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Business Power Online Line Logic

Double Conversion Online Topology

Essential

Easy-UPS · SRV



1kVA – 10kVA
Tower & Rack Versions
Fixed Runtime Models
Extendable Runtime Models
2 Year Warranty
Mini Card Slot for:
Dry Contact Card / SNMP Card / MODBUS Card

Advanced

Smart-UPS · SRT · SRTL · SRTG · SURT



1kVA – 20kVA
Li-Ion Models
APC SmartSlot
Grouped Outlets
Longer Warranty / Better Power Factor
Longer Base Runtime
Embedded SNMP over 5kVA

Performance

Symmetra · SYH · SYA



2kVA – 16kVA
N+1 Redundancy
Rack & Tower Models
Modular Components
Scalable Power & Battery Modules

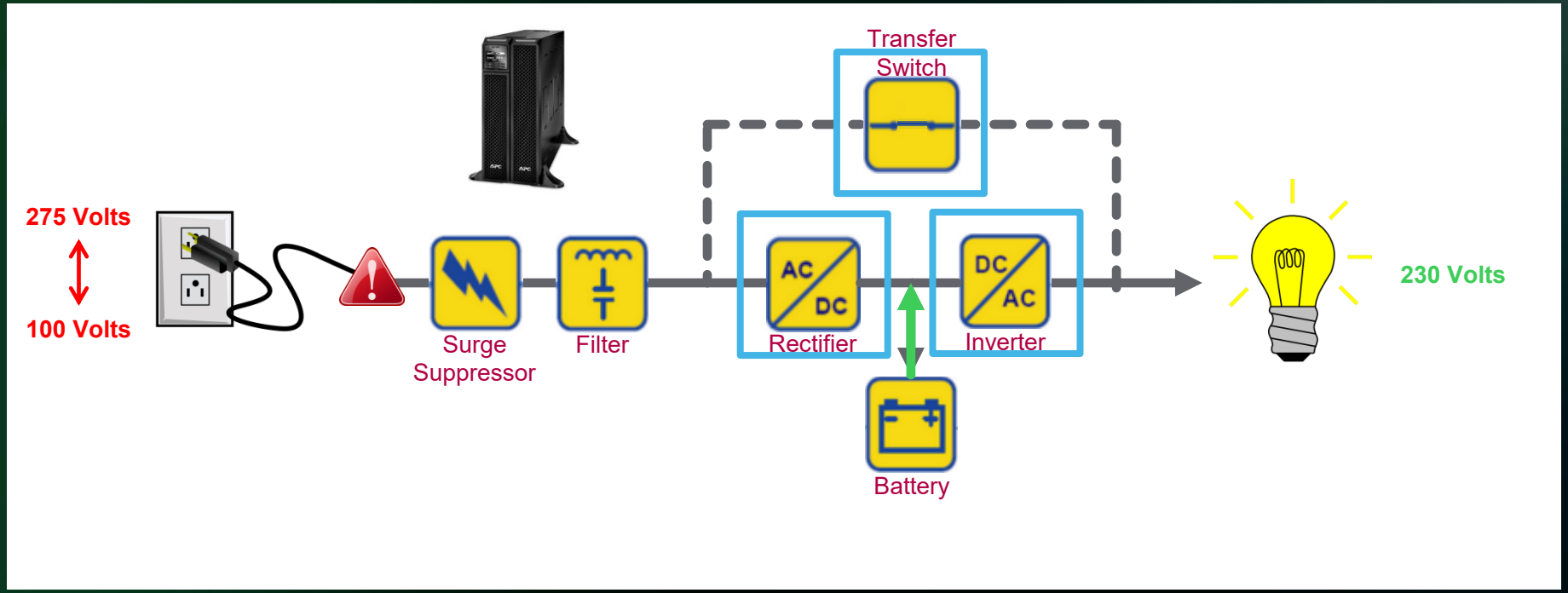
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APC Double Conversion On-Line

Under high / low voltage conditions

Power is restored

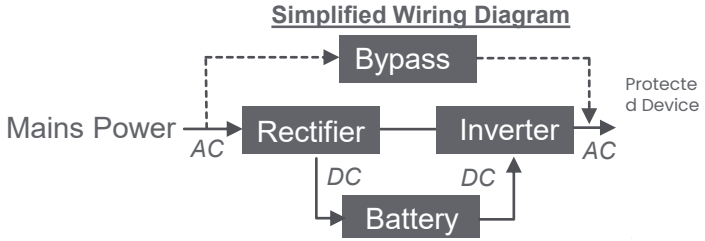
Under normal operating conditions

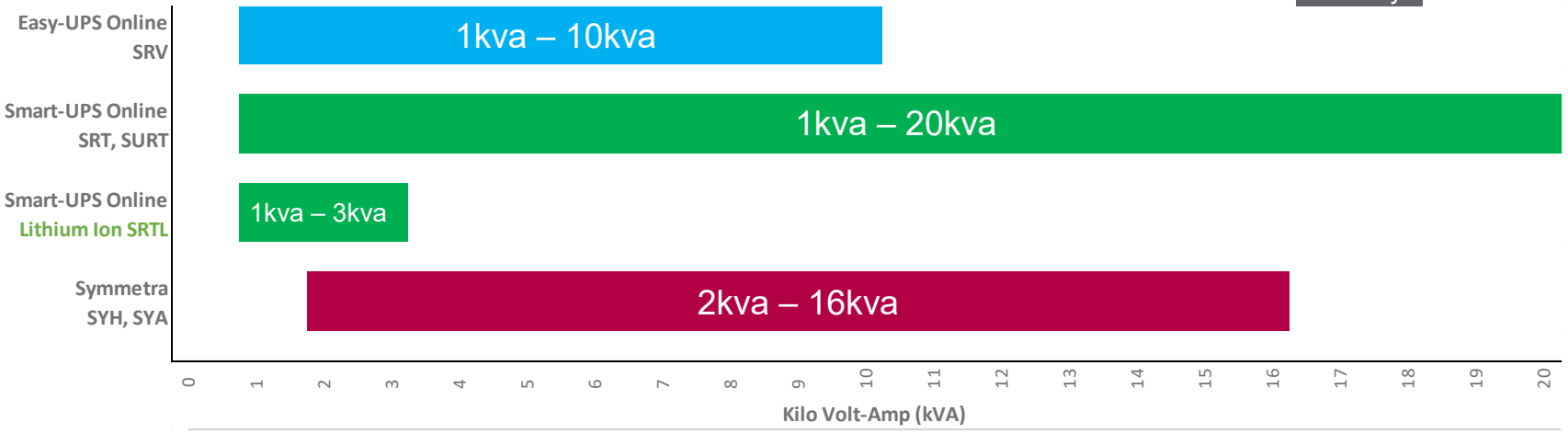


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Business Power Online Range Map

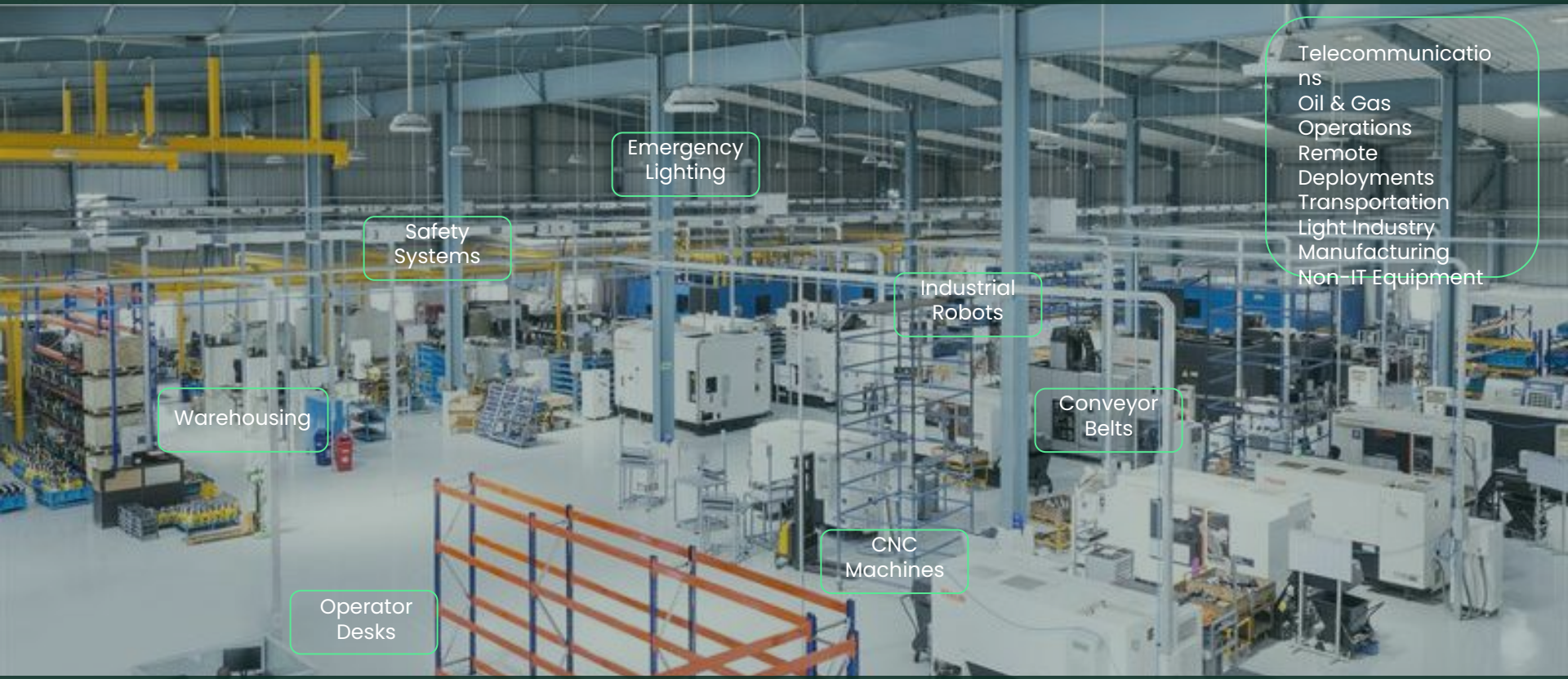
Double Conversion Online Topology





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Business Power Online Applications



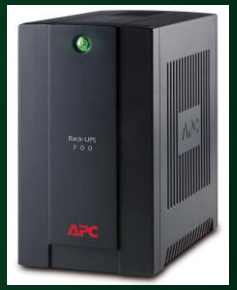
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APC UPS Part Codes

Understanding the SKUs

BX700U-GR

BX	Model Range
700	Volt Amp Capacity
U	USB Port
-GR	Schuko (local) Outlets





SMT1000IC

SMT	Model Range
1000	Volt Amp Capacity
I	International Model (230V & IEC Outlets)
C	'Connected' (SmartConnect)





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APC UPS Part Codes

Understanding the SKUs

SMX1500RMI2UNC

SMX	Model Range
1500	Volt Amps
RM	Rack Mounting Kit
I	International Model (230V & IEC Plugs)
2U	2 Rack Units High
NC	Network Card Included





SRT6KXLI

6K = 6,000 VA

XL – 'Xtra Long [Battery]'

Legacy APC term to show unit can be connected to multiple External Battery Packs



SRTL3000RMXLI-NC



L – Lithium Ion

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UPS betekintés 3ph szegmensben

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Easy UPS 3 Series Overview







Symmetra PX

16kW – 500kW, 400V

Galaxy UPS

10kW – 1250kW, 400V

Easy UPS

10kW – 600kW, 400V

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Easy UPS 3 Series Overview



10/15/20/30/40 kVA for external batteries or with internal batteries



60/80/100 kVA



120/160 kVA



200 kVA

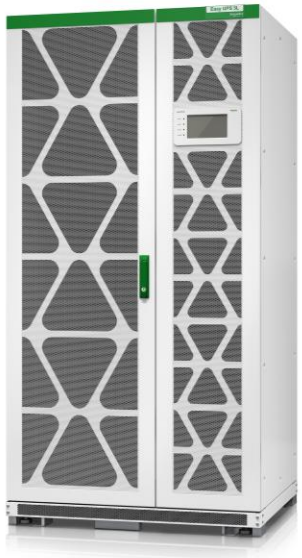
For external batteries



60 & 80 kVA with internal battery modules



250 / 300 / 400 kVA



500 / 600 kVA

Easy UPS 3S PRO

Easy UPS 3M

Easy UPS 3L

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