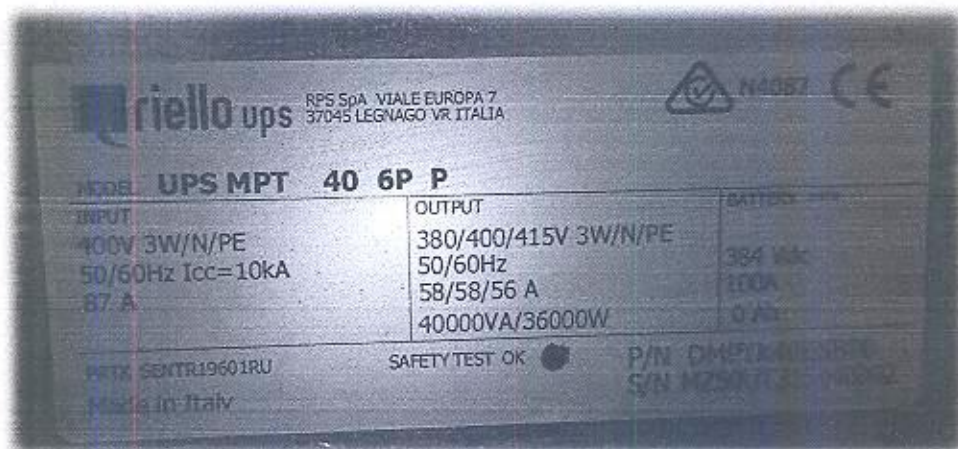
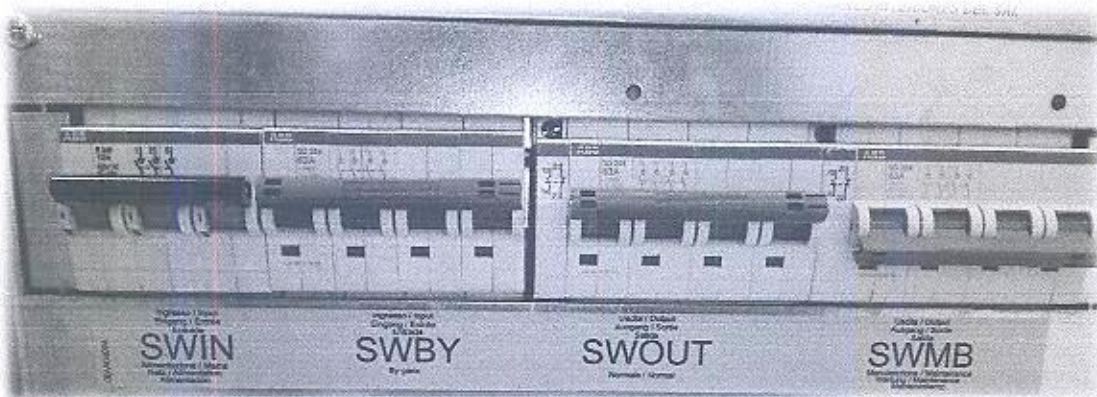
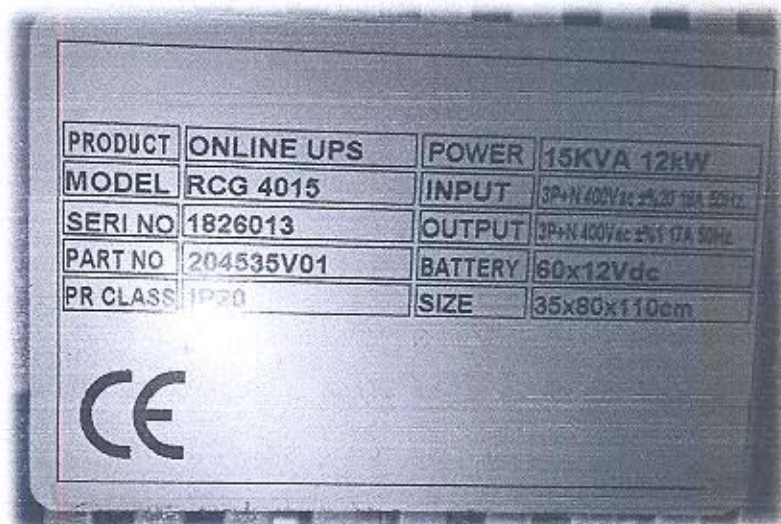
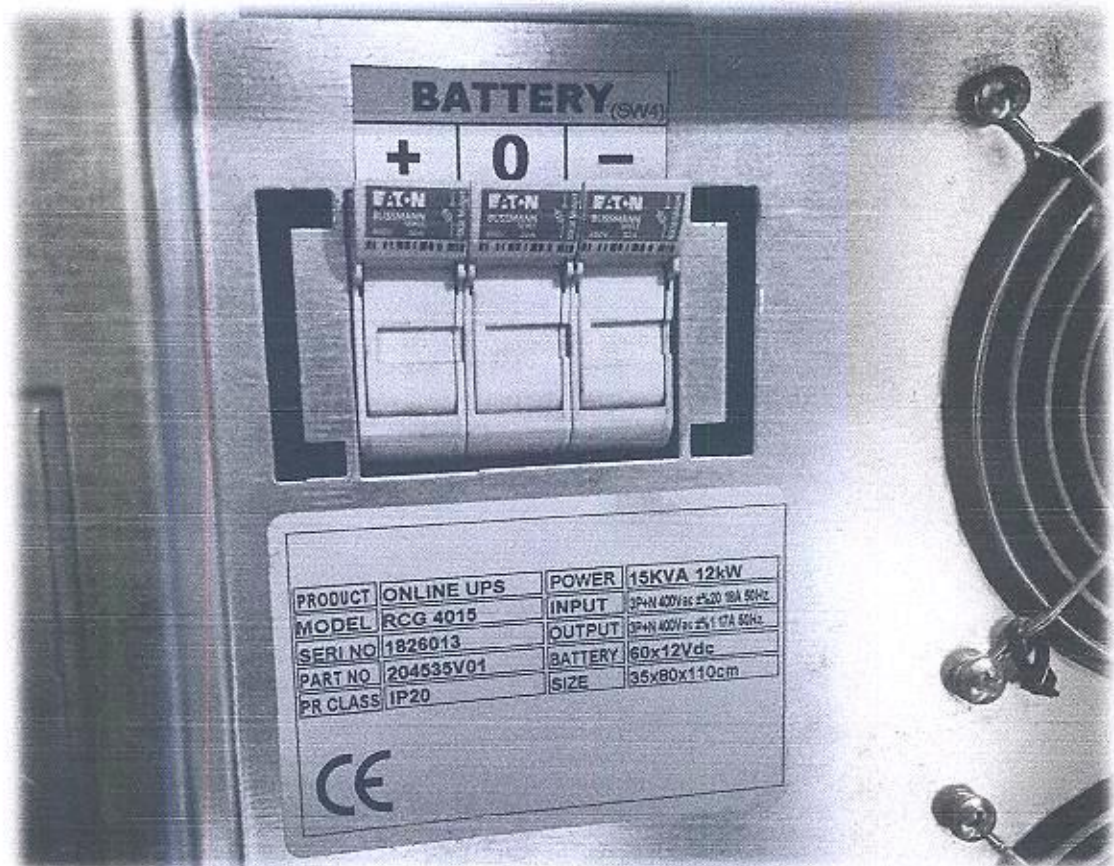


main UPS 1&2



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LIGHTING UPS





XHRL Series

XHRL 12620W Datasheet

12V Top Terminal VRLA-AGM

Specifications

Voltage (Vdc)	12
Nominal Capacity (1.67 VPC @ 25°C)	620W @ 15min-rate
Watts Per Cell (30-Sec 1.67 VPC @ 25°C)	--
Watts Per Cell (5-Min 1.67 VPC @ 25°C)	923.67
Watts Per Cell (15-Min 1.67 VPC @ 25°C)	620.00
Max Charge Current (A)	62.00
Max Discharge Current (A)	800
Short Circuit Current (A)	3722
Internal Resistance (mΩ)	Approx. 2.40
Terminal Type	12 thread lead alloy terminal to accept M6 bolt
Terminal Torque	51.7±10.3 Kgf·cm / 44.9±9.0 Lbf·in / 5.1±1.0 N·m
Container Material	PP (UL 94-HB) & Flame Retardant (94-V0) available upon request
Weight (kg. / lb., Approx.)	47.20 / 104.03
Length (L) (mm / in)	343.0±2.5 / 13.50±0.10
Width (W) (mm / in)	170.0±2.0 / 6.69±0.0
Height (H) (mm / in)	275.7±2.5 / 10.85±0.10
Design Life	Up to 10 Years in Standby Service at 25°C Eurobat (20°C): >12 Years Very Long Life Nominal: 25°C (77°F) Discharge: -15°C - 50°C (5°F-122°F) Charge/Storage: -15°C - 40°C (5°F - 104°F)
Operating Temperature	13.5 - 13.8 Vdc/battery 25°C (77°F)
Float Charging Voltage	14.4 - 15.0 Vdc/battery 25°C (77°F)
Eq. Charging Voltage	Less than 10% after 90 days, can be stored up to 6 months at 25°C (77°F); Fully recharging is required before usage, and charged sooner if stored at higher temperature than 25°C (77°F).
Self-Discharge	



Valve Regulated Lead Acid
(VRLA) Battery

Maintenance-Free, Absorbent
Glass Mat (AGM) Technology for
Efficient Gas Recombination of
up to 99%

Pure Lead Construction and
Proprietary Elements

Designed for High-Rate UPS,
Float Service Standby Power
Applications

Built in Accordance with IEC
60896-21/22:2004 and UL1989
Recognized (MH14533)





XHRL Series

XHRL 12620W Datasheet

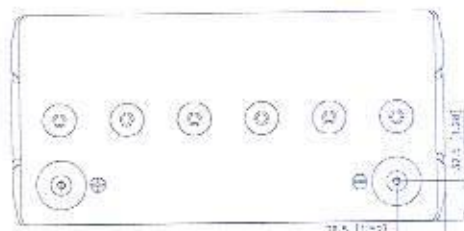
12V Top Terminal VRLA-AGM

Constant Current Discharge Characteristics Unit: A (25°C, 77°F)

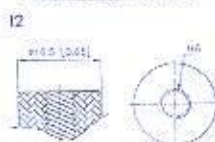
F.V/Time	2MIN	4MIN	5MIN	6MIN	8MIN	10MIN	15MIN	20MIN	30MIN	45MIN	60MIN	90MIN
10.02V (1.67 VPC)	660	585	543	511	466	420	326	273	200	144	114	79.8
10.50V (1.75 VPC)	553	485	465	449	398	356	293	252	188	138	110	78.2
10.80V (1.80 VPC)	494	443	409	383	344	315	270	229	175	131	106	75.6

Constant Power Discharge Characteristics Unit: W (25°C, 77°F)

F.V/Time	2MIN	4MIN	5MIN	6MIN	8MIN	10MIN	15MIN	20MIN	30MIN	45MIN	60MIN	90MIN
10.02V (1.67 VPC)	6439	5680	5542	5432	4894	4387	3720	2983	2249	1654	1329	959
10.50V (1.75 VPC)	5579	5208	4994	4825	4311	3969	3282	2742	2135	1592	1293	944
10.80V (1.80 VPC)	5235	4660	4427	4246	3894	3639	2956	2515	2017	1522	1247	916



Detail A Drawing(4:1)



[M6 bolt]

