



FOR IMMEDIATE RELEASE

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SPRING Singapore’s Market Surveillance Finds 6 E-scooter Suppliers with Unregistered Charging Adaptors

1. SPRING Singapore has identified six suppliers selling electric scooters (e-scooters) with unregistered charging adaptors following market surveillance conducted in November and December. E-scooters, which are a popular variant of Personal Mobility Devices (PMDs), have been linked to recent reports of fire incidents in households around Singapore.
2. The suppliers found with unregistered charging adaptors are:

Suppliers	Model Number of Unregistered Charging Adaptors
CarbonRevo Pte Ltd	SM5230 XVE-5820200 SM3630 KP400A-70 (Fast charger ¹)
Emarco Enterprise Pte Ltd	XVE-4800200
Escoot.sg	JZX-2940200 LT-12 HLT-180-4202000 YLT-42-2000 FCA131-4215 LT01 DCSP420200 JY-420150
Falcon PEV Pte Ltd	GJS 150-2940200 FY4254000 DSS150-4203500 DSS-100-4202000 XVE-2520200

¹ Fast charger, also known as fast-charging adaptor, reduces the charging duration of e-scooter batteries

	JZX-374350 P/N C300 KP400A-70 (Fast charger)
Minimotors – Maxtech Plus Pte Ltd	JN-63W-420150 XVE-6300100 JN-63W-294200 ACDC-70ABAA KP400A-70 (Fast charger) KP400A-60 (Fast charger) KP400A-55 (Fast charger)
Skateline SkateSchool Pte Ltd	YT-42520P

SPRING has seized a total of 175 unregistered charging adaptors from these businesses as part of ongoing investigations (see **Annex A** for images of unregistered adaptors). As these models of unregistered charging adaptors may be packaged with different models of PMDs, consumers are advised to check the charging adaptors that was purchased for their PMDs.

3. Charging adaptors, classified as a Controlled Good under the Consumer Protection (Safety Requirements) Regulations (CPSR), must be type-tested, certified to meet relevant safety standards, registered with SPRING Singapore, and affixed with a SAFETY Mark before they can be supplied, displayed and/or advertised for sale in Singapore. SPRING conducts regular checks on suppliers as part of market surveillance to ensure the safety of these Controlled Goods. Any person found guilty of selling unregistered Controlled Goods, is liable upon conviction, to a fine not exceeding S\$10,000 or imprisonment for a term not exceeding two years or both.

Summary of Results from Market Surveillance

4. SPRING found two common types of unregistered e-scooter charging adaptors through the market surveillance – (i) adaptors packaged together with the e-scooters; and (ii) fast-charging adaptors which reduces the charging duration of e-scooter batteries. These unregistered charging adaptors were not tested for the

required safety standards that addresses common electrical hazards which may cause electrocution and short circuit resulting in a fire.

5. SPRING also found that some suppliers selling e-scooters provided modification services, such as modification of the battery capacity or the speed of the e-scooter by changing the motor. There are potential risks of modifying an e-scooter, especially its electrical components. These modifications may affect the overall electrical circuitry of the e-scooter and lead to electrical parts short circuiting due to incompatibility.
6. Suppliers of all types of PMDs must supply approved charging adaptors with the SAFETY Mark. SPRING will continue its market surveillance efforts and will not hesitate to take action against errant suppliers.

Safety is Always a Priority

7. Consumers are encouraged to exercise caution and practice the safety tips below when purchasing and using PMDs and adaptors:
 - i. Purchase PMDs from reputable stores
 - ii. Look out for a valid SAFETY Mark on the adaptors
 - iii. Avoid purchasing third party adaptors and chargers that are not from the original suppliers
 - iv. Avoid overcharging batteries such as overnight charging, as some PMDs or adaptors do not have a power cut-off function
 - v. Avoid charging the batteries immediately after using the PMD
 - vi. Avoid riding PMDs in wet weather or exposing its electrical components to water (e.g. washing the PMDs) as it can cause damage to the battery
 - vii. Approach retailer to replace any faulty battery and avoid repairing the PMD on your own
 - viii. Store PMDs away from direct heat sources (e.g. under direct sunlight, near the stove) and combustible materials
 - ix. Check that PMDs conform with Land Transport Authority's device criteria, if intended for use on public paths:
 - Maximum device speed of 25km/h

- Maximum unladen weight of 20kg
 - Maximum device width of 700mm
8. Consumers who have purchased PMD charging adaptors without the SAFETY Mark are advised to stop using the adaptor immediately. Consumers should contact their suppliers for assistance.
9. Consumers seeking redress against suppliers that have sold them unregistered PMD charging adaptors can approach the Consumers Association of Singapore (CASE) for assistance at the hotline 6100 0315 or www.case.org.sg/contactus.aspx. To report cases of suppliers selling unregistered charging adaptors, alert SPRING at safety@spring.gov.sg.

– End of Media Statement –

About SPRING Singapore

SPRING Singapore is an agency under the Ministry of Trade and Industry responsible for helping Singapore enterprises grow and building trust in Singapore products and services. As the national standards and accreditation body, SPRING develops and promotes an internationally-recognised standards and quality assurance infrastructure. SPRING also oversees the safety of general consumer goods and fair trading practices in Singapore. As the enterprise development agency, SPRING works with partners to help enterprises in financing, capability and management development, technology and innovation, and access to markets.

SPRING will merge with IE Singapore to form Enterprise Singapore in Q2 2018. Enterprise Singapore will enable the growth of Singapore companies through an integrated support network to build business capabilities and access overseas markets.

Please visit www.spring.gov.sg and www.facebook.com/sqspring for more information and news about SPRING Singapore.

About Consumers Association of Singapore

The Consumers Association of Singapore (CASE) is a non-profit, non-governmental organisation that is committed towards protecting consumers' interest through information and education, and promoting an environment of fair and ethical trading practices. One of their key achievements is in advocating for Consumer Protection (Fair Trading) Act (CPFTA), which came into effect on March 1, 2004. Please visit www.case.org.sg and www.facebook.com/casesg for more information about CASE.

About Land Transport Authority

The Land Transport Authority (LTA) is a statutory board under the Ministry of Transport, which spearheads land transport developments in Singapore. As the agency responsible for planning, designing, building and maintaining Singapore's land transport infrastructure and systems, we aim to bring about a greener and more inclusive public transport system, complemented by convenient options to walk and cycle from their homes or to their destinations. We leverage technology to strengthen our rail and bus infrastructure and provide exciting options for future land transport.


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IMAGES OF UNREGISTERED CHARGING ADAPTORS

Caption	Images
<p data-bbox="204 383 520 488">Image 1: Sample of unregistered charging adaptor.</p> <p data-bbox="204 528 592 741">SPRING Singapore seized a total of 175 unregistered charging adaptors from six e-scooter suppliers following its market surveillance.</p>	
<p data-bbox="204 913 584 1019">Image 2: Sample of unregistered fast-charging adaptor.</p> <p data-bbox="204 1059 592 1272">SPRING Singapore seized a total of 175 unregistered charging adaptors from six e-scooter suppliers following its market surveillance.</p>	