



Verifone, Inc.  
1-800-Verifone  
www.verifone.com

## Electrical

### Power Packs

Before you connect the terminal power pack to an electrical outlet, check that the on/off power switch on the terminal is off. If the terminal does not have an on/off switch, check that the power cable connector is removed from the terminal's power port.  
Or, when connecting the terminal to a power pack, *always* connect the plug of the power pack to an electrical wall outlet *first*. Then connect the power cable to the terminal's power port. The power pack is rated as follows:

- Input Voltage: 100 - 240 V AC, 50/60 Hz
- Output Voltage: 12 V DC, 2 A

Model VX 680 is intended to be provided with appropriately certified power module suitable for the destination country with an output rating of 12 V DC, min 2 A and evaluated as a Limited Power Source, output rated SELV, non-energy hazardous. Suitability of power module subject to auditing agency's discretion.

### AC Adapter

The AC adapter is designed to ensure your personal safety and to be compatible with this equipment. Please follow these guidelines:

- Do not use the adapter in a high moisture environment. Never touch the adapter when your hands or feet are wet.
- Allow adequate ventilation around the adapter. Avoid locations with restricted airflow.
- Connect the adapter to a proper power source. The voltage and grounding requirements are found on the product case and/or packaging.
- Do not use the adapter if the cord becomes damaged.
- Do not attempt to service the adapter. There are no serviceable parts inside. Replace the unit if it is damaged or exposed to excess moisture.

### Separate Power Sources

Some peripherals require a separate power source. Before connecting a check reader or similar device, *remove* the power cable connector from the terminal's power port.

### Peripherals

Before connecting any peripheral device, turn *off* power to the terminal and check that the power cable connector is *removed* from the terminal's power port. Turn on power *only after* you are finished connecting the peripheral device(s). For complete information about peripheral installation and use, please refer to the user documentation supplied with those devices.

### Telecommunication Cord

**CAUTION:** To reduce the risk of fire, use only No. 26 AWG or larger UL Listed or CSA Certified Telecommunication Line Cord.

**ATTENTION:** *Pour réduire les risques d'incendie, utilisez uniquement les cordons téléphoniques No. 26 AWG ou UL Listed ou certifiés CSA.*

### Disconnecting Power

Disconnecting power during a transaction may cause transaction data files that are *not yet* stored in terminal memory to be lost.

### Location – Electrical Considerations

**WARNING!** This device contains sensitive electronic components that can be permanently damaged if exposed to excessive shock, electrical interference or vibration.

**AVERTISSEMENT !** *Cet appareil contient des composants électroniques sensibles qui peuvent être endommagés de façon permanente si elle est exposée à des chocs excessifs, des interférences électriques ou des vibrations.*

**CAUTION:** Due to risk of electrical shock or terminal damage, do not use the terminal near water, including a bathtub, wash bowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool. Also, avoid using this product during electrical storms. Avoid locations near electrical appliances or other devices that cause excessive voltage fluctuations or emit electrical noise (for example, air conditioners, neon signs, high frequency or magnetic security devices, or electric motors).

**ATTENTION :** *Du fait d'un risque d'électrocution ou d'une détérioration du terminal, ne pas utiliser cet équipement près d'une source d'eau, par exemple près d'une baignoire, d'un lavabo, d'un évier de cuisine ou d'un bac de lavage, dans un sous-sol humide ou à proximité d'une piscine. De même, éviter d'utiliser ce produit lors des orages provoquant des coupures électriques. Éviter de placer le terminal à proximité d'appareils électriques ou autres unités pouvant entraîner des fluctuations de tension importantes ou des interférences électriques, tels que les climatiseurs.*

## Equipment

### Repairs

Do not, *under any circumstances*, attempt any service, adjustments, or repairs on this equipment. Instead, contact your local Verifone distributor or service provider for assistance. Failure to comply may void the product warranty.

### Location – Environmental Considerations

Do not plug the power pack into an outdoor outlet or operate the terminal outdoors. It is not waterproof or dustproof, and is for indoor use only. Any damage to the unit from exposure to rain or dust may void your warranty. Do not use the terminal where there is high heat, dust, humidity, moisture, or caustic chemicals or oils. Keep the terminal away from direct sunlight and anything that radiates heat, such as a stove or a motor.

**WARNING!** Your POS Terminal contains sensitive electronic components that can be permanently damaged if exposed to excessive shock or vibration. To minimize the risk of damage to your Terminal, avoid dropping your Terminal and operating it in high-shock and high-vibration environments. Do not store the Terminal where prolonged exposure to extreme temperature can occur, because it can cause permanent damage. Do not expose the Terminal to water. Contact with water can cause this unit to malfunction.

**AVERTISSEMENT!** *Votre terminal de point de vente contient des composants électroniques sensibles, susceptibles de subir des dommages définitifs en cas d'exposition à des chocs ou à des vibrations excessives. Pour minimiser le risque de dommages pour votre terminal, éviter de le faire tomber ou de l'exposer à des environnements pouvant provoquer des chocs et des vibrations excessives. Ne pas stocker le terminal dans des lieux susceptibles d'entraîner une exposition prolongée à des températures extrêmes, du fait des dommages définitifs que cette situation peut provoquer. Ne pas exposer le terminal à l'eau. Un contact avec de l'eau peut provoquer un dysfonctionnement de l'unité.*

### Battery Pack Instructions

Dispose of the battery pack in accordance with all national, state, and local laws and regulations as regionally required. Some batteries may be recycled and may be accepted for disposal at local recycling centers.

**CAUTION:** There is risk of explosion if the battery is replaced by an incorrect type.

**ATTENTION:** *Il existe un risque d'explosion si la batterie est remplacée par un modèle incompatible.*

### VX 680 Certifications and Regulations

Verifone Part Number: DOC268-001-EN-I, Revision I



# VX 680 Certifications and Regulations

## FCC Compliance

The following device has been tested and certified as compliant with the regulations and guidelines set forth in Part 15 of FCC Rules: Manufacturer: Verifone, Inc.  
Brand, Model: VX 680, VX 680 WiFi, VX 680 BT-WiFi

## Part 15 of FCC Rules

This device complies with the limits for a Class B digital device as specified in Part 15 of FCC Rules which provide reasonable protection against harmful interference in a residential installation.

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference; and,
- (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. In the unlikely event that there is interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications to this equipment not expressly approved by Verifone could void the user's authority to operate this equipment. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. Use of a shielded interface cable is required to comply with the Class B limits of Part 15 of FCC Rules.

## RF Exposure

### CE

This device complies with the Radio Equipment Directive (2014/53/EU) issued by the Commission of the European Community.

A minimum separation distance of 0 cm must be maintained between the user's body and the device, including the antenna during body-worn operation to comply with the RF exposure requirements in Europe.

## SAR Labeling

### GSM/GPRS

### USA

For body-worn operation, this device has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal parts and positions the handset a minimum of 0 cm gap from body. Use of other accessories may not ensure compliance with as described in the user guide, is 0.00435 W/kg of Body SAR with 1g.

This device complies with SAR for general population/uncontrolled exposure limits in ANSI/IEEE C95.1-1999 and has been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C.

### Australia Required Warning Statement

Please switch off and do not operate the equipment when in an area with a potentially explosive atmosphere, such as refueling points, fuel depots or storage areas, chemical plants, and blasting operations.

## Notice for Operating Freq. and Output Power

NFC: 4.85 dBµA /m at 10 m  
WLAN (2.4G): 802.11 b/g/n, 18.36 dBm/16.07 dBm/15.48 dBm  
WLAN (BT): 7.04dBm (BT EDR)  
2G (EGSM/DCS): 33.08 dBm, 29.30 dBm

## Legal Terms and Conditions Regarding PCI SSC Approvals

PCI SSC's approval only applies to PEDs that are identical to the PED tested by a PCI Security Standards Council recognized laboratory. If any aspect of the PED is different from that which was tested by the laboratory - even if the PED conforms to the basic product description contained in the letter, then the PED model should not be considered approved, nor promoted as approved. For example, if a PED contains firmware, software, or physical construction that has the same name or model number as those tested by the laboratory, but in fact are not identical to those PED samples tested by the laboratory, then the PED should not be considered or promoted as approved.

No vendor or other third party may refer to a PED as "PCI Approved," nor otherwise state or imply that PCI SSC has, in whole or part, approved any aspect of a vendor or its PEDs, except to the extent and subject to the terms and restrictions expressly set forth in a written agreement with PCI SSC, or in an approval letter. All other references to PCI SSC's approval are strictly and actively prohibited by PCI SSC.

When granted, an approval is provided by PCI SSC to ensure certain security and operational characteristics important to the achievement of PCI SSC's goals, but the approval does not under any circumstances include any endorsement or warranty any products or services provided by third parties. Approval does not, under any circumstances, include or imply any product warranties from PCI SSC, including, without limitation, any implied warranties of merchantability, fitness for purpose or non-infringement, all of which are expressly disclaimed by PCI SSC. All rights and remedies regarding products and services, which have received an approval, shall be provided by the party providing such products or services, and not by PCI SSC or the payment brand participants.

## Recycling: DO NOT DISCARD!

UNIT MUST BE RECYCLED OR DISPOSED OF PROPERLY  
For proper disposal instructions go to <http://recycle.verifone.com/>.

Please retain this sheet for future reference.

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## Recyclage: NE PAS JETER!

L'unité doit être recyclée ou mise au rebut dans les endroits prévus à cet effet.  
Pour connaître les procédures de mise au rebut, consultez le site <http://recycle.verifone.com/> À conserver pour référence ultérieure

suite au verso



# VX 680 Declaration of Conformity



## DECLARATION OF CONFORMITY

according to ISO/IEC 17050-1 and 17050-2

**Manufacturer's Name** Verifone, Inc.  
**Manufacturer's Address** Verifone, Inc.  
88 West Plumeria Drive  
San Jose, CA 95134, USA

Declares, that the product

**Product Name:** VX 680, VX 680 BT-WiFi CTLS, VX 680 GPRS CTLS, VX 680 GPRS,  
VX 680 WiFi, VX 680 BT-WiFi, VX 680-G  
**Model Number:** VX 680, VX 680-G, VX 680 BT-WiFi, VX 680 WiFi  
**Part Number:** M268-XXX-XX-XXX  
**Brand:** Verifone  
**Product Options:** All

Conforms to the following product specifications:

**Safety:** IEC 60950-1:2005 + A1:2009 + A2:2013  
EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013

**EMC:** EN 55024:2010 + A1:2015  
EN 55024:2010  
EN 55032:2012/AC:2013  
EN 61000-3-2:2006 + A1:2008 + A2:2009  
EN 61000-3-3:2008

**GSM:** EN 301 489-1 V 1.9.2  
EN 301 489-52 V1.1.0  
EN 301 511 V9.0.2

**RF (RFID):** EN 301 489-3 V2.1.1  
EN 300 330 V2.1.1  
ETSI EN 302 291-1 V1.1.1(2005-7)  
ETSI EN 302 291-2 V1.1.1(2005-7)

**RF (WiFi & BT):** EN 301 489-1 V 1.9.2  
EN 301 489-17 V3.1.1  
EN 300 328 V2.1.1

**SAR:** EN 62311:2008  
EN 62209-2:2010/IEC 62209-2:2010  
EN 62479:2010

### Supplementary Information:

We hereby declare that these devices comply with the requirements of the Radio Equipment Directive 2014/53/EU. These products carry the CE Mark Directive 93/68/EEC, and conforms to RoHS Directive 2011/65/EU, as well as Technical Documentation: EN 50581:2012 and DIN EN 50581 (2013-02).

CE Approval Date: January 3, 2018

*Sheetal Shah*

Sheetal Shah  
Chief Operations Officer, Global Supply Chain  
San Jose, CA, USA

European contact for regulatory topics only:

Verifone UK Ltd.  
Symphony House  
7 Cowley Business Park  
High Street  
Cowley Uxbridge, UB8 2AD  
United Kingdom  
Tel: +44-1895-275275