



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

Electrical

Separate Power Sources

This product is designed to accept most USB wall power chargers from consumer electronic devices to charge an attached handset. Please ensure you review the power output of any device you connect to the e285.
NOTE: The reference input power rating for the e285 is 5V DC, 1A.
The e285 is intended to be provided with a listed power supply module having an output rating of minimum 5V DC, 1A, Tma 50°C, Class II and evaluated as a Limited Power Source or PS2 or equivalent.

Location – Electrical Considerations

CAUTION: Due to the risk of electric shock or damage to the terminal, do not use this equipment near a water source, for example near a bathtub, washbowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool. Likewise, avoid using this product during thunderstorms causing power cuts. Avoid placing the terminal near electrical devices or other units that could cause large voltage fluctuations or electrical interference, such as air conditioners, neon signs, high frequency safety devices or electrical equipment.

ATTENTION: *Do not use this equipment near a swimming pool, hot tub, or other water source. Do not use this equipment near a water source, for example near a bathtub, washbowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool. Likewise, avoid using this product during thunderstorms causing power cuts. Avoid placing the terminal near electrical devices or other units that could cause large voltage fluctuations or electrical interference, such as air conditioners, neon signs, high frequency safety devices or electrical equipment.*

Equipment

Location – Environmental Considerations

Do not plug the power pack into an outdoor outlet. 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 device contains sensitive electronic components that can be permanently damaged if exposed to excessive shock or vibration. To minimize the risk of damage to your device, avoid dropping your device and operating it in high-shock and high-vibration environment. Do not store the device where prolonged exposure to extreme temperature can occur, because it can cause permanent damage. Do not expose the device 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, évitez 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.*

Repairs

Do not, under 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.

Battery Pack/Coin Cell Instructions

Dispose of the battery pack/coin cell 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.*

- Leaving a battery in an extremely high temperature surrounding environment can result in an explosion or the leakage of flammable liquid or gas.
- A battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.
- Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, can result in an explosion.

The highest specified charging temperature of battery pack is 50+/-3°C.
The lowest specified charging temperature of battery pack is 3+/-3°C.

Label Location

The e285 label is affixed under the battery compartment.

Notice for WLAN

For CE WLAN: 5150-5350 MHz

This device is restricted for indoor usage only when operating in the 5150 to 5350 MHz frequency range.

This equipment may be operated in:							
AT	BE	BG	HR	CY	CZ	DK	EE
FI	FR	DE	EL	HU	IE	IT	LV
LT	LU	MT	NL	PL	PT	RO	SK
SI	ES	SE	UK (NI)	IS	LI	NO	CH
TR							

For UK WLAN: 5150-5350 MHz

This device is restricted for indoor usage in UK when operating in the 5150 to 5350 MHz frequency range.

For ISED:

- The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.
- Where applicable, antenna type(s), antenna model(s), and worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in section 6.2.2.3 shall be clearly indicated.

Avertissement:

- Les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.
- Lorsqu'il y a lieu, les types d'antennes (s'il y en a plusieurs), les numéros de modèle de l'antenne et les piles angles d'inclinaison nécessaires pour rester conforme à l'exigence de la p.i.r.e. applicable au masque d'élevation, énoncée à la section 6.2.2.3, doivent être clairement indiqués.

e285 Certifications and Regulations
DOC087-510-EN-A, Revision A04



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e285 Certifications and Regulations

FCC/ISED Compliance

The following device has been tested and certified as compliant with the regulations and guidelines detailed below:
Manufacturer: VeriFone, Inc.
Brand: Verifone
Model: e285 BT/WiFi, e285 3G/BT/WiFi/DS, e285 3G/BT/WiFi, e285 3G/BT/WiFi/DS/DB, e285 BT/WiFi/DB

Part 15 of FCC and ISED Rules

This device complies with the limits for a Class B digital device as specified in Part 15 of FCC Rules which provides reasonable protection against harmful interference in a residential area. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
 - This device must accept any interference received, including interference that may cause undesired operation.
- This equipment generates and uses 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 or more 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 with the dealer or ask an experienced radio/TV technician for help.

This device and its antenna(s) 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.

Any changes or modifications to this equipment not expressly approved by VeriFone could void the user's authority to operate this equipment.
NOTE: This country code selection is for non-US models only and is not available to all US models. Per FCC regulation, all Wi-Fi product market in US must be fixed to US operation channels only.
Le présent appareil est conforme aux CNR d'Innovation, Science and Economic Development Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- L'appareil ne doit pas produire de brouillage.
 - L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
- Cet appareil et son antenne ne doivent pas être situés ou fonctionner en conjonction avec une autre antenne ou un autre émetteur, exception faites des radios intégrées qui ont été testées.

La fonction de sélection de l'indicatif du pays est désactivée pour les produits commercialisés aux États-Unis et au USA/Canada.

This Class B digital apparatus complies with CAN ICES-003 (B).

Cet appareil numérique de la classe B est conforme à la norme NMB-003 (B) du Canada.

Notice for Operating Frequency and Output Power

Feature	e285 BT/WiFi	e285 3G/BT/WiFi	e285 3G/BT/WiFi/DS	e285 3G/BT/WiFi/DS/DB	e285 BT/WiFi/DB
NFC (dB µA/m at 10m), 13.56 MHz		-0.43			7.4
2.4G WLAN (b/g/n): 2400-2483.5 MHz (EIRP dBm)			<20		
5G WLAN (a/n/ac): 5150-5250/5250-5350/ 5470-5725 MHz (EIRP dBm)		NA			<20
BT-EDR/LE (EIRP dBm)				<10	
2G (dBm)	NA		GSM900: <33; GSM1800: <30		NA
3G (dBm)	NA		Band 1: <24; Band 8: <24		NA

RF Exposure

USA

The product complies with the FCC portable RF exposure limit set forth for an uncontrolled environment and is safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available. The SAR limit set by the FCC is 1.6W/kg for body worn SAR and 4W/kg for extremity SAR. This device complies with SAR for general population/uncontrolled exposure limits in ANSI/IEEE C95.1-1992 and has been tested in accordance with the measurement methods and procedures specified in IEEE 1528-2013.

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 5mm must be maintained between the user's body and the device for e285 BT/WiFi, e285 3G/BT/WiFi/DS and e285 3G/BT/WiFi/DS/DB and 0mm must be maintained between the user's extremity and the device for e285 BT/WiFi, e285 3G/BT/WiFi/DS, e285 3G/BT/WiFi/DS/DB and e285 BT/WiFi/DB, including the antenna during body-worn and extremity operation to comply with the RF exposure requirements in Europe. To comply with RF exposure requirements in Europe, third-party belt-clips, holsters, or similar accessories used by this device should not contain any metallic components. The use of accessories that do not satisfy these requirements may not comply with RF exposure requirements and should be avoided.

UK

This device complies with the Radio Equipment Regulations 2017 SI 2017/1206 issued by the British Standards Institution. A minimum separation distance of 5mm must be maintained between the user's body and the device for e285 BT/WiFi, e285 3G/BT/WiFi/DS and 0mm must be maintained between the user's extremity and the device for e285 BT/WiFi, e285 3G/BT/WiFi/DS, e285 3G/BT/WiFi/DS/DB and e285 BT/WiFi/DB, including the antenna during body-worn and extremity operation to comply with the RF exposure requirements in UK. To comply with RF exposure requirements in UK, third-party belt-clips, holsters, or similar accessories used by this device should not contain any metallic components. The use of accessories that do not satisfy these requirements may not comply with RF exposure requirements and should be avoided.

ISED

The product complies with the Canada portable RF exposure limit set forth for an uncontrolled environment and is safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les États-Unis et le Canada établies pour un environnement non contrôlé. Le produit est sûr pour un fonctionnement tel que décrit dans ce manuel. La réduction aux expositions RF peut être augmentée si l'appareil peut être conservé aussi loin que possible du corps de l'utilisateur ou que le dispositif est réglé sur la puissance de sortie la plus faible si une telle fonction est disponible.

Brazil Only

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.

Operating Temperature

The product is designed to work at a maximum ambient temperature of 0°C and 50°C.

Recycling: DO NOT DISCARD!

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

continued on rear cover

Please retain this sheet for future reference.

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>

suite au verso

À conserver pour référence ultérieure.



e285 Declaration of Conformity



DECLARATION OF CONFORMITY

according to EN ISO/IEC 17050-1 and 17050-2
This declaration of conformity is issued under the sole responsibility of the manufacturer

Manufacturer's Name
Manufacturer's Address

VeriFone, Inc.
VeriFone, Inc.
1400 West Stanford Ranch Road
Suite 150 Rocklin, CA 95765

Declares, that the product

Product Name:	e285				
Model Number:	e285 BT/WiFi	e285 3G/BT/WiFi	e285 3G/BT/WiFi/DS	e285 3G/BT/WiFi/DS/DB	e285 BT/WiFi/DB
Part Number:	M087-XXX-XX-XXX				
Brand:	Verifone				
Product Options:	All				
SW Version:	03.001	03.001	03.001	1.40.0	--
NB Company Name:	Bureau Veritas Consumer Products Services, Inc.				--
NB Company Number:	2200				-
Certificate Number:	RE-19101602	RE-19100301	RE-19100301	RE-19100701	--

Conforms to the following product specifications:

Regulatory Requirement	Standards	e285 BT/WiFi	e285 3G/BT/WiFi	e285 3G/BT/WiFi/DS	e285 3G/BT/WiFi/DS/DB	e285 BT/WiFi/DB
Safety:	IEC 62368-1:2014 EN 62368-1:2014 IEC 62368-1:2018	X	X	X	X	X
EMC:	EN 55032:2015 + A11:2020, Class B EN 61000-3-2:2014, Class A EN IEC 61000-3-2:2019 + A1:2021, Class A EN 61000-3-3:2013 + A2:2021 EN 55035:2017 + A11:2020	X	X	X	X	X
RF (RFID):	EN 301 489-1 V2.1.1 Draft EN 301 489-1 V2.2.0 Final Draft EN 301 489-3 V2.1.1 EN 300 330 V2.1.1	X	X	X	X	X
RF (Wi-Fi/BT):	EN 301 489-1 V2.1.1 Draft EN 301 489-1 V2.2.0 EN 301 489-17 V3.1.1 Draft EN 301 489-17 V3.2.0 EN 300 328 V2.2.2 EN 301 893 V2.1.1	X	X	X	X	X
RF (3G):	EN 301 489-1 V2.1.1 Draft EN 301 489-1 V2.2.0 Draft EN 301 489-52 V1.1.0 EN 301 511 V12.5.1 EN 301 908-1 V15.1.1 EN 301 908-2 V13.1.1		X	X	X	
SAR:	EN 50566:2017	X	X	X	X	X
	EN 62209-2:2010 IEC 62209-2:2010		X	X		
	EN 62209-2:2010 + A1:2019 IEC 62209-2:2010 + AMD1:2019	X			X	X
	EN 62479:2010	X	X	X		

Supplementary Information:

We hereby declare that the device complies with the requirements of the Radio Equipment Directive 2014/53/EU. This product carries the CE Mark per Directive 93/68/EEC and conforms to RoHS Directive 2011/65/EU, and delegated Directive (Annex II) 2015/863/EU, as well as Technical Documentation: EN IEC 63000:2018 and DIN EN IEC 63000:2018.

CE Approval Date: May 22, 2023

Thomas Weikart
EVP, Global Operations,
2744 North University Drive,
Coral Springs, FL 33065

European contact for regulatory topics only:

Verifone GmbH
Seilerweg, 2F, Bad Hersfeld
36251, Germany
Tel: +49 6621 84-500

e285 Declaration of Conformity



DECLARATION OF CONFORMITY

according to EN ISO/IEC 17050-1 and 17050-2
This declaration of conformity is issued under the sole responsibility of the manufacturer

Manufacturer's Name
Manufacturer's Address

VeriFone, Inc.
VeriFone, Inc.
1400 West Stanford Ranch Road
Suite 150 Rocklin, CA 95765

Declares, that the product

Product Name:	e285				
Model Number:	e285 BT/WiFi	e285 3G/BT/WiFi	e285 3G/BT/WiFi/DS	e285 3G/BT/WiFi/DS/DB	e285 BT/WiFi/DB
Part Number:	M087-XXX-XX-XXX				
Brand:	Verifone				
Product Options:	All				

Conforms to the following product specifications:

Regulatory Requirement	Standards	e285 BT/WiFi	e285 3G/BT/WiFi	e285 3G/BT/WiFi/DS	e285 3G/BT/WiFi/DS/DB	e285 BT/WiFi/DB
Safety:	BS EN 62368-1:2014	X	X	X	X	X
EMC:	BS EN 55032:2015 + A11:2020, Class B BS EN 61000-3-2:2014, Class A BS EN IEC 61000-3-2:2019 + A1:2021, Class A BS EN 61000-3-3:2013 + A2:2021 BS EN 55035:2017 + A11:2020	X	X	X	X	X
RF (RFID):	EN 301 489-1 V2.1.1 Draft EN 301 489-1 V2.2.0 Final Draft EN 301 489-3 V2.1.1 EN 300 330 V2.1.1	X	X	X	X	X
RF (Wi-Fi/BT):	EN 301 489-1 V2.1.1 Draft EN 301 489-1 V2.2.0 EN 301 489-17 V3.1.1 Draft EN 301 489-17 V3.2.0 EN 300 328 V2.2.2	X	X	X	X	X
	EN 301 893 V2.1.1				X	X
RF (3G):	EN 301 489-1 V2.1.1 Draft EN 301 489-1 V2.2.0 Draft EN 301 489-52 V1.1.0 EN 301 511 V12.5.1 EN 301 908-1 V15.1.1 EN 301 908-2 V13.1.1		X	X	X	
SAR:	EN 50566:2017	X	X	X	X	X
	EN 62209-2:2010 IEC 62209-2:2010		X	X		
	EN 62209-2:2010 + A1:2019 IEC 62209-2:2010 + AMD1:2019	X			X	X
	EN 62479:2010	X	X	X		

Supplementary Information:

We hereby declare that the device complies with the requirements of the Radio Equipment Regulations 2017 (S.I. 2017/1206). This product carries the UKCA Mark and conforms to the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (S.I. 2012/3032).

UKCA Approval Date: May 22, 2023

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