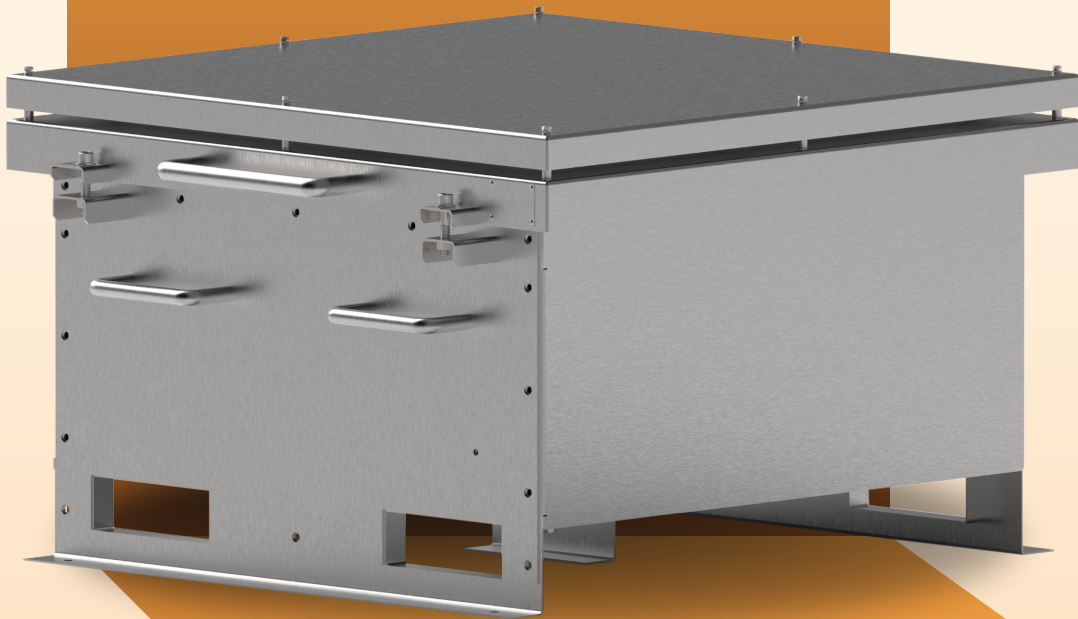


KLEEV®

BATTERY ENCLOSURE

Ex eb



KLEEV MIDDLE EAST FZE

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Kleev Middle East FZE Ex-Battery Enclosure offers diverse solutions whether you want protection for Lead-acid or Nickel Cadmium Battery from a recognized battery manufacturer.

Stainless steel or Mild Steel Battery Enclosure has been manufactured as per EN/IEC 60079-0 & EN/IEC 60079-7 satisfies the requirements of ATEX and IECEx.



TECHNICAL SPECIFICATIONS

Material	Stainless Steel or Mild Steel
Material Grade	SS304 / SS304L / SS316 / SS316L / S275JR
Degree of Protection	IP66 as per IEC 60529
Area Classification	Zone 1 & Zone 2
Explosion Protection	II 2G Ex eb IIC T6 Gb
Ambient Temperature	-20°C to +55°C
IECEx Certificate	IECEx KLCS 25.0058X
ATEX Certificate	KLEX 25 ATEX 0035X
ECAS Certificate	26-02-182250/E26-02-190110/NB0002
Applicable Standards	IEC/EN 60079-0, IEC/EN 60079-7

MECHANICAL SPECIFICATIONS

Dimensions	As per battery size & quantity (Certified range applied)
Width Range	545 mm – 2589 mm
Depth Range	399 mm – 1794 mm
Height Range	461 mm – 1191 mm
Construction	Ventilated metallic enclosure with IP 66 protection
Earthing	M6–M16 Earthing Provision
Minimum Thickness	2.5 mm enclosure body

ELECTRICAL SPECIFICATIONS

Battery Voltage	6–48V DC	
Battery Capacity	Up to 3360 Ah	
Battery Type	Lead Acid or Nickel Cadmium	
Connection	Series connection only	
Charging Condition	Charging allowed only in non-hazardous area	
Protection Notes	Over voltage & current protection required	

STANDARD MARKING

Ex Marking	II 2G Ex eb IIC T6 Gb	
Gas Group	IIC	
Temperature Class	T6	
EPL	Gb	
Model Format	KPE XX BB WWW DDDD HHHH	