Background

- IBC and IRC promulgated by ICC
- Three-year publication cycle
- Governmental consensus process
 - Code development hearing
 - Final action hearing
 - · Code officials have the final vote
- www.iccsafe.org/cs/codes

4







BIPV – Materials IBC 1507.17.1 IRC R905.16.1

· Listed and labeled in accordance with UL 1703

(UL)







Rack-mounted PV – Materials IBC 1509.7.4

IRC M2302.3

IBC and IRC

• PV panels listed and labeled per UL 1703

IRC

• Inverters listed and labeled per UL 1741

(U)



Rack-mounted PV – Fire classification IBC 1509.7.2 IRC M2302.2.1

IBC

- Fire classification of PV system to match minimum fire classification of roof assembly
- Tested in accordance with ASTM E108 or UL 790
- Class A, B, or C

IRC

- · PV panels and supporting structure shall be
 - · Noncombustible materials, or
 - · Fire-retardant-treated wood equivalent to that required for the roof construction.

(4)









Code	Promulgator (and Partners)	Scope	Completion Date
International Green Construction Code (IGCC)	ICC (with AIA, ASTM, ASHRAE, IESNA, and USGBC)	All construction (references ASHRAE 189.1 and ICC 700)	Fall, 2011
ASHRAE 189.1	ASHRAE (with IESNA and USGBC)	Commercial and High-rise residential construction	2010
National Green Building Standard (ICC 700)	ICC (with NAHB)	Low-rise residential construction	2008





